Canada Ontario

Report on the 1984 Discharges from Municipal Wastewater Treatment Facilities in the Great Lakes Basin

— Ontario —

October 01, 1985

Canada-Ontario Agreement Respecting Great Lakes Water Quality

L'Accord Canada-Ontario relatif à la qualité de l'eau dans les Grands Lacs

NOTE:

1. "*MAJOR INDIRECT*" INDICATES INDIRECT FACILITIES WITH A DESIGN CAPACITY 1 M(US)GD OR GREATER. 1 M(US)GD EQUALS 0.832 MIGD

2. "*DIRECT*" INDICATES "DIRECT DISCHARGE" FACILITY. (DISCHARGING DIRECTLY TO ONE OF THE GREAT LAKES OR OR INTERCONNECTING CHANNELS).

3. "*MIN*" INDICATES MINISTRY OPERATED FACILITIES.

4. "**" PRECEEDING THE WORKS NUMBER INDICATES FACILITIES WITH TERTIARY TREATMENT.

5. THE "DIRECT DISCHARGE" TOTAL LOADING INCLUDES ALL DIRECT DESCHARGE WASTEWATER TREATMENT FACILITIES NO MATTER WHAT THEIR HYDRAULIC CAPACITY. THE "INDIRECT DISCHARGE" TOTAL LOADING INCLUDES ONLY INDIRECT DISCHARGE FACILITIES WITH A DESIGN CAPACITY OF 1 M(US)GD OR GREATER.

BASIN - SUPERIOR

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MC/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MIN								
BEARDMORE 110002309								
TOWNSHIP	625		0.00	0.00	0.00	0.00	0.00	0.00
BEARDMORE LAGOON								
CAPACITY (MIGD): (.300)		(.051)						
1000 CUBIC METRES: 1.364		.231						
EXFILTRATION LAGOON								
WATERCOURSE: NO DISC.TO SURFACE WATER								
MANITOUWADGE 120000480								
TOWNSHIP	3084		17.60	39.28	22.90	51.11	1.98	4.42
MANITOUWADGE WPCP								
CAPACITY (MIGD): (.400)		(.491)						
1000 CUBIC METRES: 1.818		2.232						
COMMUNAL SEPTIC TANK								
WATERCOURSE: BOGGY LAKE								
DIRECT *MIN*								
MARATHON 120000471								
TOWNSHIP	2317		3.40	4.68	5.80	7.98	2.67	3.67
MARATHON WPCP								
CAPACITY (MIGD): (.439)		(.303)						
1000 CUBIC METRES: 1.996		1.376						
EXTENDED AERATION								
WATERCOURSE: LAKE SUPERIOR								

BASIN - SUPERIOR

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKS EXISTING CAPACITY AND TREATMENT	NUMBER	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MIN									
MICHIPICOTEN (WAWA) TOWNSHIP	110000454	3800		4.60	19.76	8.30	35.66	2.23	9.58
WAWA LAGOON									
CAPACITY (MIGD):	(.400)		(.945)						
1000 CUBIC METRES:	1.818		4.296						
CONVENTIONAL LAGOON SEASONAL									
WATERCOURSE: MAGPIE RIVER									
DIRECT									
NIPIGON TOWNSHIP	120000514	2180		34.40	60.78	40.80	72.09	3.83	6.77
NIPIGON WPCP									
CAPACITY (MIGD):	(.360)		(.389)						
1000 CUBIC METRES:	1.637		1.767						
PRIMARY									
WATERCOURSE: NIPIGON RIVER									
DIRECT									
RED ROCK TOWNSHIP	120001817	1138		26.40	21.52	28.50	23.23	2.82	2.30
RED ROCK WPCP									
CAPACITY (MIGD):	(.280)		(.179)						
1000 CUBIC METRES:	1.273		.815						
PRIMARY									
WATERCOURSE: NIPIGON BAY									

BASIN - SUPERIOR

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
DIRECT *MIN*								
SCHREIBER TOWNSHIP	110002112							
SCHREIBER WPCP	1865		22.80	15.53	18.70	12.73	2.12	1.44
CAPACITY (MIGD): (.150)		(.150)						
1000 CUBIC METRES: 1.137		.681						
EXTENDED AERATION								
CONTACT STABILIZATION								
CONVERTIBLE OPERATING MODE								
WATERCOURSE: CREEK TO L.SUPERIOR								
TERRACE BAY (LAGOON) TOWNSHIP	120000499							
TERRACE BAY LAGOON	2000		0.00	0.00	0.00	0.00	0.00	0.00
CAPACITY (MIGD): (.300)		(.001)						
1000 CUBIC METRES: 1.364		.005						
CONVENTIONAL LAGOON CONTINUOUS								
EXFILTRATION LAGOON								
WATERCOURSE: NO DISC.TO SURFACE WATER								
TERRACE BAY (WPCP) TOWNSHIP	120003030							
TERRACE BAY WPCP	500		0.00	0.00	0.00	0.00	0.00	0.00
CAPACITY (MIGD): (.120)		(.056)						
1000 CUBIC METRES: .546		.255						
EXTENDED AERATION								
EXFILTRATION LAGOON								
WATERCOURSE: NO DISC.TO SURFACE WATER								

BASIN - SUPERIOR

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
DIRECT								
THUNDER BAY CITY 120004805	101527		54.30	5,655.13	36.50	3,801.33	1.26	131.22
THUNDER BAY WPCP								
CAPACITY (MIGD): (24.000)		(22.912)						
1000 CUBIC METRES: 109.104		104.146						
PRIMARY								
PHOSPHORUS REMOVAL-CONTINUOUS								

WATERCOURSE: KAMINISTIKWIA RIVER

	B O D LOADING (KG/D)	S S LOADING (KG/D)	T. PHOS LOADING (KG/D)
(DIRECT) TOTAL :	5,757.64	3,917.36	145.40
(MAJOR INDIRECT) TOTAL :	0.00	0.00	0.00

BASIN - HURON

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MIN								
ALLISTON TOWN ALLISTON WPCP CAPACITY (MIGD): (.770) 1000 CUBIC METRES: 3.500 EXTENDED AERATION	110001220 4700	(.609) 2.767	6.20	17.16	11.40	31.54	4.35	12.04
WATERCOURSE: BOYNE RIVER								
MIN								
ARRAN (TARA) TOWNSHIP TARA LAGOON CAPACITY (MIGD): (.143) 1000 CUBIC METRES: .650 CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL-CONTINUOUS	110003237 556	(.041) .185	1.90	0.35	3.10	0.57	0.12	0.02
WATERCOURSE: SAUBLE RIVER								
DIRECT *MIN*								
ASSIGINACK(MANITOWANING) TOWNSHIP MANITOWANING LAGOON CAPACITY (MIGD): (.055) 1000 CUBIC METRES: .250 CONVENTIONAL LAGOON SEASONAL	110001408 440	(.057) .258	12.80	3.30	38.10	9.83	1.66	0.43
WATERCOURSE: LAKE HURON								

BASIN - HURON

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT		POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MAJOR INDIRECT									
BARRIE CITY	120000578	40000		8.40	222.88	17.70	469.63	0.96	25.47
BARRIE WPCP									
CAPACITY (MIGD):	(6.000)		(5.837)						
1000 CUBIC METRES:	27.276		26.533						
CONVENTIONAL ACTIVATED SLUDGE									
PHOSPHORUS REMOVAL-CONTINUOUS									
							WATERCOURSE: KEMPENFELT BAY L. SIMCOE		
	MIN								
BEETON VILLAGE	110000917	1922		0.00	0.00	0.00	0.00	0.00	0.00
BEETON LAGOON									
CAPACITY (MIGD):	(.300)		(.185)						
1000 CUBIC METRES:	1.364		.843						
EXFILTRATION LAGOON									
							WATERCOURSE: NO DISC.TO SURFACE WATER		
DIRECT	*MIN*								
BLIND RIVER TOWN	110002416	3200		3.20	8.41	4.70	12.35	2.54	6.68
BLIND RIVER WPCP									
CAPACITY (MIGD):	(.770)		(.578)						
1000 CUBIC METRES:	3.500		2.628						
EXTENDED AERATION									
							WATERCOURSE: LAKE HURON		

BASIN - HURON

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MIN								
BLYTH VILLAGE ** 110002247	828		4.70	1.28	1.90	0.52	0.46	0.13
BLYTH WPCP								
CAPACITY (MIGD): (.161)		(.060)						
1000 CUBIC METRES: .732		.273						
EXTENDED AERATION								
PHOSPHORUS REMOVAL-CONTINUOUS								
EFFLUENT POLISHING								
WATERCOURSE: BLYTH CREEK								
BRACEBRIDGE TOWN ** 110000034	5449		6.97	15.79	13.30	30.14	0.33	0.75
BRACEBRIDGE WPCP								
CAPACITY (MIGD): (.800)		(.499)						
1000 CUBIC METRES: 3.637		2.266						
EXTENDED AERATION								
PHOSPHORUS REMOVAL-CONTINUOUS								
EFFLUENT POLISHING								
WATERCOURSE: MUSKOKA RIVER								
MAJOR INDIRECT *MIN*								
BRADFORD TOWN ** 110000944	7799		3.00	10.06	2.80	9.39	0.19	0.64
BRADFORD WPCP								
CAPACITY (MIGD): (1.500)		(.737)						
1000 CUBIC METRES: 6.819		3.352						
EXTENDED AERATION								
PHOSPHORUS REMOVAL-CONTINUOUS								
EFFLUENT POLISHING								
WATERCOURSE: SCHOMBERG RIVER								

BASIN - HURON

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
BROCK (BEAVERTON R.1) 110001248 TOWNSHIP BEAVERTON RIVER 1 LAGOON (CANNINGTON) CAPACITY (MIGD): (.203) 1000 CUBIC METRES: .923 CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL-CONTINUOUS	1835	(.150) .683	13.10	8.95	21.60	14.75	0.72	0.49
WATERCOURSE: BEAVERTON RIVER								
BROCK (BEAVERTON R.2) 120003496 TOWNSHIP BEAVERTON RIVER 2 LAGOON (SUNDERLAND) CAPACITY (MIGD): (.167) 1000 CUBIC METRES: .759 CONVENTIONAL LAGOON CONTINUOUS EXFILTRATION LAGOON	875	(.053) .240	0.00	0.00	0.00	0.00	0.00	0.00
WATERCOURSE: NO DISC.TO SURFACE WATER								
BROCK (LAKE SIMCOE) 110000908 TOWNSHIP LAKE SIMCOE LAGOON (BEAVERTON) CAPACITY (MIGD): (.382) 1000 CUBIC METRES: 1.737 CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL-CONTINUOUS	2570	(.287) 1.305	10.80	14.09	26.00	33.93	1.26	1.64
WATERCOURSE: LAKE SIMCOE								

BASIN - HURON

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
DIRECT *MIN*								
BRUCE MINES TOWN	525		17.40	5.97	19.90	6.83	2.24	0.77
BRUCE MINES LAGOON								
CAPACITY (MIGD): (.063)		(.075)						
1000 CUBIC METRES: .286		.343						
CONVENTIONAL LAGOON SEASONAL								
WATERCOURSE: ST.JOSEPH CHL.TO L.HURON								
MIN								
BRUSSELS VILLAGE	970		3.80	1.39	3.70	1.35	0.48	0.18
BRUSSELS WPCP								
CAPACITY (MIGD): (.194)		(.081)						
1000 CUBIC METRES: .882		.366						
EXTENDED AERATION								
PHOSPHORUS REMOVAL-CONTINUOUS								
EFFLUENT POLISHING								
WATERCOURSE: MAITLAND RIVER								
MIN								
BURKS FALLS VILLAGE	800		8.20	2.53	11.70	3.60	2.33	0.72
BURKS FALLS LAGOON								
CAPACITY (MIGD): (.150)		(.068)						
1000 CUBIC METRES: .682		.308						
CONVENTIONAL LAGOON SEASONAL								
WATERCOURSE: MAGNETAWAN RIVER								

BASIN - HURON

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MIN								
CALDWELL (VERNER) 110001872								
TOWNSHIP	1116		12.90	6.91	20.20	10.83	0.98	0.53
VERNER LAGOON								
CAPACITY (MIGD): (.105)		(.118)						
1000 CUBIC METRES: .477		.536						
CONVENTIONAL LAGOON SEASONAL								
PHOSPHORUS REMOVAL - BATCH								
WATERCOURSE: VEUVE RIVER								
CAPREOL 120001210								
TOWN	2949		0.00	0.00	0.00	0.00	0.00	0.00
CAPREOL LAGOON								
CAPACITY (MIGD): (.340)		(.711)						
1000 CUBIC METRES: 1.546		3.234						
EXFILTRATION LAGOON								
WATERCOURSE: NO DISC TO SURFACE WATER								
MIN								
CASIMIR J.A.(ST CHARLES) 110002256								
TOWNSHIP	280		12.90	5.03	17.80	6.94	0.77	0.30
ST.CHARLES LAGOON								
CAPACITY (MIGD): (.120)		(.086)						
1000 CUBIC METRES: .546		.390						
CONVENTIONAL LAGOON SEASONAL								
PHOSPHORUS REMOVAL - BATCH								
WATERCOURSE: MCPHERSON CREEK W.BRANCH								

BASIN - HURON

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MIN								
CHESLEY TOWN 110000105	1876		2.70	2.40	6.80	6.05	0.73	0.65
CHESLEY LAGOON								
CAPACITY (MIGD): (.200)		(.196)						
1000 CUBIC METRES: .909		.889						
CONVENTIONAL LAGOON CONTINUOUS								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: NORTH SAUGEEN RIVER								
CLINTON TOWN ** 120000925	3000		13.60	21.49	6.30	9.95	0.92	1.45
CLINTON WPCP								
CAPACITY (MIGD): (.400)		(.348)						
1000 CUBIC METRES: 1.818		1.580						
CONTACT STABILIZATION								
PHOSPHORUS REMOVAL-CONTINUOUS								
EFFLUENT FILTRATION								
WATERCOURSE: BAYFIELD RIVER								
MIN								
COLDWATER VILLAGE 110001596	850		6.80	3.25	10.20	4.88	3.33	1.59
COLDWATER WPCP								
CAPACITY (MIGD): (.120)		(.105)						
1000 CUBIC METRES: .546		.478						
EXTENDED AERATION								
WATERCOURSE: COLDWATER RIVER								

BASIN - HURON

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
DIRECT								
COLLINGWOOD 120000550								
TOWN	11500		7.93	137.84	15.26	265.25	1.49	25.90
COLLINGWOOD WPCP								
CAPACITY (MIGD): (. 5.400)		(3.824)						
1000 CUBIC METRES: 24.548		17.382						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: GEORGIAN BAY								
MIN								
COSBY M.M.(NOELVILLE) 110002425								
TOWNSHIP	551		7.40	1.78	12.30	2.95	0.83	0.20
NOELVILLE LAGOON								
CAPACITY (MIGD): (.175)		(.053)						
1000 CUBIC METRES: .796		.240						
CONVENTIONAL LAGOON SEASONAL								
WATERCOURSE: WOLF RIVER								
MIN								
DURHAM 110000999								
TOWN	2430		6.50	4.93	10.30	7.81	0.62	0.47
DURHAM MUN WPCP								
CAPACITY (MIGD): (.480)		(.167)						
1000 CUBIC METRES: 2.182		.758						
EXTENDED AERATION								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: SAUGEEN RIVER								

BASIN - HURON

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MIN								
E.WILLIAMS (AILSA CRAIG) 110002050 TOWNSHIP	795		5.80	1.98	8.80	3.01	0.77	0.26
AILSA CRAIG WPCP								
CAPACITY (MIGD):	(.132)	(.075)						
1000 CUBIC METRES:	.600	.342						
EXTENDED AERATION								
PHOSPHORUS REMOVAL-CONTINUOUS								
						WATERCOURSE: AUSABLE RIVER		
EAST GWILLIMBURY (HOLL.L 120001620 TOWN	2200		6.70	5.12	8.30	6.34	0.21	0.16
HOLLAND LANDING LAGOON								
CAPACITY (MIGD):	(.300)	(.168)						
1000 CUBIC METRES:	1.364	.764						
CONVENTIONAL LAGOON SEASONAL								
PHOSPHORUS REMOVAL-CONTINUOUS								
						WATERCOURSE: HOLLAND RIVER		
EAST GWILLIMBURY (M.ALB) 120001853 TOWN	1100		6.40	1.19	8.20	1.53	0.34	0.06
MOUNT ALBERT WPCP								
CAPACITY (MIGD):	(.150)	(.041)						
1000 CUBIC METRES:	.682	.186						
EXTENDED AERATION								
PHOSPHORUS REMOVAL-CONTINUOUS								
EFFLUENT POLISHING								
						WATERCOURSE: MOUNT ALBERT CREEK		

BASIN - HURON

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MAJOR INDIRECT								
ELLIOT LAKE (ESTEN LAKE) 120001121								
TOWN	19000		7.90	86.32	12.20	133.31	1.33	14.53
ESTEN LAKE WPCP								
CAPACITY (MIGD): (2.860)		(2.404)						
1000 CUBIC METRES: 13.002		10.927						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
EFFLUENT POLISHING								
WATERCOURSE: ESTEN LAKE								
ELMVALE 110000169								
VILLAGE	1200		12.80	13.88	17.70	19.19	2.74	2.97
ELMVALE LAGOON								
CAPACITY (MIGD): (.165)		(.238)						
1000 CUBIC METRES: .750		1.084						
CONVENTIONAL LAGOON CONTINUOUS								
WATERCOURSE: WYE RIVER								
MIN								
ESPANOLA 110000212								
TOWN	5200		54.40	150.31	41.10	113.56	4.26	11.77
ESPANOLA WPCP								
CAPACITY (MIGD): (.660)		(.608)						
1000 CUBIC METRES: 3.000		2.763						
PRIMARY								
WATERCOURSE: SPANISH RIVER								

BASIN - HURON

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
ESSA 130000023 TOWNSHIP	8350		8.84	9.36	12.71	13.46	1.66	1.76
BASE BORDEN WPCP (DND) CAPACITY (MIGD): (1.200) 1000 CUBIC METRES: 5.455 EXTENDED AERATION PHOSPHORUS REMOVAL-CONTINUOUS		(.233) 1.059						
WATERCOURSE: PINE RIVER								
MIN								
ESSA (ANGUS) 110003282 TOWNSHIP	1990		3.30	1.64	8.30	4.12	1.38	0.68
ANGUS WPCP CAPACITY (MIGD): (.747) 1000 CUBIC METRES: 3.396 EXTENDED AERATION PHOSPHORUS REMOVAL-CONTINUOUS		(.109) .496						
WATERCOURSE: NOTTAWASAGA RIVER								
MIN								
EXETER 110000221 TOWN	3686		18.90	53.79	55.30	157.38	2.47	7.03
EXETER LAGOON CAPACITY (MIGD): (.491) 1000 CUBIC METRES: 2.232 CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL - BATCH		(.626) 2.846						
WATERCOURSE: AUSABLE RIVER								

BASIN - HURON

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MIN								
FOREST TOWN FOREST LAGOON CAPACITY (MIGD): (.297) 1000 CUBIC METRES: 1.350 CONVENTIONAL LAGOON SEASONAL	110001346 2590	(.200) .911	25.30	23.05	74.00	67.41	2.93	2.67
WATERCOURSE: HICKORY CREEK								
GEORGINA TOWNSHIP KESWICK WPCP CAPACITY (MIGD): (#######) 1000 CUBIC METRES: .006 CONVENTIONAL ACTIVATED SLUDGE	120001755 0	( )	0.25	0.23	0.74	0.67	0.03	0.03
WATERCOURSE:								
GEORGINA (SUTTON) TOWNSHIP SUTTON WPCP CAPACITY (MIGD): (.450) 1000 CUBIC METRES: 2.046 EXTENDED AERATION PHOSPHORUS REMOVAL-CONTINUOUS	110001168 2650	(.273) 1.240	3.50	4.34	7.06	8.75	0.29	0.36
WATERCOURSE: BLACK RIVER								

BASIN - HURON

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
DIRECT								
GODERICH 120000943								
TOWN	7400		7.10	8.80	11.20	13.89	1.09	1.35
GODERICH WPCP								
CAPACITY (MIGD): (2.000)		(.273)						
1000 CUBIC METRES: 9.092		1.240						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
						WATERCOURSE: LAKE HURON		
DIRECT *MIN*								
GORE BAY 110002513								
TOWN	780		6.80	3.06	31.70	14.27	1.46	0.66
GORE BAY LAGOON								
CAPACITY (MIGD): (.139)		(.099)						
1000 CUBIC METRES: .632		.450						
CONVENTIONAL LAGOON SEASONAL								
						WATERCOURSE: LAKE HURON		
GRAVENHURST 120000809								
TOWN	4274		4.50	11.52	12.84	32.88	0.58	1.49
GRAVENHURST WPCP (DUAL OPERATION)								
CAPACITY (MIGD): (.670)		(.563)						
1000 CUBIC METRES: 3.046		2.561						
CONVENTIONAL ACTIVATED SLUDGE								
EXTENDED AERATION								
PHOSPHORUS REMOVAL-CONTINUOUS								
						WATERCOURSE: MUSKOKA LAKE		

BASIN - HURON

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT		POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MAJOR INDIRECT									
HANOVER	120001461								
TOWN		6264		6.90	25.21	7.00	25.57	0.85	3.11
HANOVER WPCP									
CAPACITY (MIGD):	(1.400)		(.804)						
1000 CUBIC METRES:	6.364		3.653						
CONVENTIONAL ACTIVATED SLUDGE									
PHOSPHORUS REMOVAL-CONTINUOUS									
							WATERCOURSE: SAUGEEN RIVER		
	MIN								
HARRISTON	110000329								
TOWN		1963		20.20	34.50	19.10	32.62	4.39	7.50
HARRISTON LAGOON									
CAPACITY (MIGD):	(.219)		(.376)						
1000 CUBIC METRES:	.996		1.708						
CONVENTIONAL LAGOON SEASONAL									
							WATERCOURSE: MAITLAND RIVER		
MAJOR INDIRECT									
HUNTSVILLE	110000347								
TOWN		5856		6.30	28.58	6.80	30.84	0.31	1.41
HUNTSVILLE WPCP									
CAPACITY (MIGD):	(1.000)		(.998)						
1000 CUBIC METRES:	4.546		4.536						
CONVENTIONAL ACTIVATED SLUDGE									
PHOSPHORUS REMOVAL-CONTINUOUS									
							WATERCOURSE: MUSKOKA RIVER		

BASIN - HURON

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
DIRECT *MIN*								
KINCARDINE TOWN 110000864	5930		11.50	32.44	9.10	25.67	3.33	9.39
KINCARDINE LAGOON								
CAPACITY (MIGD): (1.300)		(.621)						
1000 CUBIC METRES: 5.910		2.821						
AERATED CELL PLUS LAGOON								
CONTINUOUS DISCHARGE								
WATERCOURSE: LAKE HURON								
MAJOR INDIRECT *MIN*								
LISTOWEL TOWN 110000409	4968		13.20	70.70	13.20	70.70	0.66	3.53
LISTOWEL LAGOON CONT DIS (SUMMER SPRAY)								
CAPACITY (MIGD): (1.082)		(1.178)						
1000 CUBIC METRES: 4.919		5.356						
AERATED CELL PLUS LAGOON								
LAGOON AND SPRAY								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: CHAPMAN DRAIN								
DIRECT *MIN*								
LITTLE CURRENT TOWN 110000392	1500		7.90	5.41	9.30	6.37	2.43	1.66
LITTLE CURRENT LAGOON								
CAPACITY (MIGD): (.204)		(.151)						
1000 CUBIC METRES: .927		.685						
CONVENTIONAL LAGOON SEASONAL								
WATERCOURSE: DITCH TO GEORGIAN BAY								

BASIN - HURON

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MIN								
LOBO(KILWORTH HEIGHTS)** 110003362								
TOWNSHIP	33		7.90	0.47	4.40	0.26	0.91	0.05
KILWORTH HEIGHTS WPCP								
CAPACITY (MIGD): (.058)		(.013)						
1000 CUBIC METRES: .264		.060						
EXTENDED AERATION								
PHOSPHORUS REMOVAL-CONTINUOUS								
EFFLUENT POLISHING								
WATERCOURSE: THAMES RIVER								
MIN								
LUCAN 110000855								
VILLAGE	1573		15.50	12.49	21.80	17.57	1.35	1.09
LUCAN LAGOON								
CAPACITY (MIGD): (.082)		(.177)						
1000 CUBIC METRES: .373		.806						
CONVENTIONAL LAGOON SEASONAL								
WATERCOURSE: LITTLE AUSABLE RIVER								
MIN								
MARKDALE 110000418								
VILLAGE	1260		13.10	10.89	26.10	21.69	0.87	0.72
MARKDALE LAGOON (NO FLOW METER)								
CAPACITY (MIGD): (.125)		(.183)						
1000 CUBIC METRES: .568		.831						
CONVENTIONAL LAGOON SEASONAL								
PHOSPHORUS REMOVAL - BATCH								
WATERCOURSE: ROCKY SAUGEEN RIVER								

BASIN - HURON

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MIN								
MCGILLIVRAY (PARKHILL) 110002461								
TOWNSHIP	1300		14.00	7.31	40.80	21.30	1.25	0.65
PARKHILL LAGOON								
CAPACITY (MIGD): (.243)		(.115)						
1000 CUBIC METRES: 1.105		.522						
CONVENTIONAL LAGOON SEASONAL								
PHOSPHORUS REMOVAL - BATCH								
WATERCOURSE: PARKHILL CREEK								
DIRECT *MIN*								
MEAFORD 110000445								
TOWN	3939		10.00	29.93	8.40	25.14	2.14	6.41
MEAFORD WPCP								
CAPACITY (MIGD): (.860)		(.658)						
1000 CUBIC METRES: 3.910		2.993						
HIGH RATE								
WATERCOURSE: GEORGIAN BAY								
DIRECT								
MIDLAND 110000463								
TOWN	12000		13.90	128.46	7.40	68.39	0.56	5.18
MIDLAND WPCP								
CAPACITY (MIGD): (3.000)		(2.033)						
1000 CUBIC METRES: 13.638		9.242						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: MIDLAND BAY								

BASIN - HURON

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MIN								
MILDMAY 110002194 VILLAGE	969		3.20	1.02	5.80	1.86	0.75	0.24
MILDMAY WPCP CAPACITY (MIGD): (.213) 1000 CUBIC METRES: .968 EXTENDED AERATION PHOSPHORUS REMOVAL-CONTINUOUS		(.070) .320						
WATERCOURSE: OTTER CREEK								
MILVERTON 110001079 VILLAGE	1498		22.90	12.85	14.70	8.25	0.49	0.27
MILVERTON LAGOON CAPACITY (MIGD): (.223) 1000 CUBIC METRES: 1.014 CONVENTIONAL LAGOON SEASONAL AERATED CELL PLUS LAGOON PHOSPHORUS REMOVAL-CONTINUOUS		(.123) .561						
WATERCOURSE: BOYLE DRAIN								
MOUNT FOREST 120001381 TOWN	3200		7.50	13.50	7.40	13.32	0.86	1.55
MOUNT FOREST WPCP CAPACITY (MIGD): (.540) 1000 CUBIC METRES: 2.455 CONVENTIONAL ACTIVATED SLUDGE PHOSPHORUS REMOVAL-CONTINUOUS		(.396) 1.800						
WATERCOURSE: SAUGEEN RIVER								

BASIN - HURON

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MUSKOKA LAKES (BALA) 120000792 TOWNSHIP	105		12.00	1.20	13.00	1.30	0.60	0.06
BALA WPCP CAPACITY (MIGD): (.020) 1000 CUBIC METRES: .091 COMMUNAL SEPTIC TANK PHOSPHORUS REMOVAL-CONTINUOUS EFFLUENT FILTRATION		(.022) .100						
WATERCOURSE: LONG LAKE								
MUSKOKA LAKES (P.CARLING 110002229 TOWNSHIP	906		2.00	1.20	1.60	0.96	0.32	0.19
PORT CARLING WPCP CAPACITY (MIGD): (.120) 1000 CUBIC METRES: .546 EXTENDED AERATION PHOSPHORUS REMOVAL-CONTINUOUS EFFLUENT POLISHING		(.132) .598						
WATERCOURSE: INDIAN RIVER								
NICKEL CENTRE (CONISTON) 110000123 TOWN	2790		10.60	18.35	13.60	23.54	1.77	3.06
CONISTON WPCP CAPACITY (MIGD): (.299) 1000 CUBIC METRES: 1.359 OXIDATION DITCH CONVENTIONAL ACTIVATED SLUDGE		(.381) 1.731						
WATERCOURSE: CONISTON CREEK								

BASIN - HURON

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
NICKEL CENTRE (FALCONBR) 120001158 TOWN FALCONBRIDGE TOWNSITE WPCP CAPACITY (MIGD): (.100) 1000 CUBIC METRES: .455 TRICKLING FILTER	836	(.257) 1.170	25.80	30.19	19.10	22.35	2.43	2.84
WATERCOURSE: BOUCHER L TO CONISTON CR								
NICKEL CENTRE (GARSON) 120004887 TOWN GARSON LAGOON (STANDBY) CAPACITY (MIGD): (.760) 1000 CUBIC METRES: 3.455 CONVENTIONAL LAGOON SEASONAL	0	(.103) .469	0.00	0.00	0.00	0.00	0.00	0.00
WATERCOURSE: FLOW TO SUDBURY WPCP								
NICKEL CENTRE (WAHNAPIT) 120003156 TOWN WAHNAPITAE LAGOON CAPACITY (MIGD): (.293) 1000 CUBIC METRES: 1.332 CONVENTIONAL LAGOON SEASONAL	2020	(.083) .379	1.50	0.57	9.10	3.45	0.06	0.02
WATERCOURSE: WANAPITEI RIVER								

BASIN - HURON

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MIN								
NORMANBY (NEUSTADT) 110002443								
TOWNSHIP	451		2.40	0.26	3.40	0.37	0.16	0.02
NEUSTADT LAGOON								
CAPACITY (MIGD): (.092)		(.024)						
1000 CUBIC METRES: .418		.110						
CONVENTIONAL LAGOON SEASONAL								
PHOSPHORUS REMOVAL - BATCH								
WATERCOURSE: SOUTH SAUGEEN RIVER								
MAJOR INDIRECT *MIN*								
NORTH BAY 110000533								
CITY	48000		17.40	566.53	24.10	784.67	1.49	48.51
NORTH BAY WPCP								
CAPACITY (MIGD): (8.000)		(7.163)						
1000 CUBIC METRES: 36.368		32.559						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: LAKE NIPISSING								
MIN								
NORTH HIMSWORTH (CALL) 110001747								
TOWNSHIP	1220		6.70	4.20	7.20	4.51	0.43	0.27
CALLANDER LAGOON								
CAPACITY (MIGD): (.105)		(.138)						
1000 CUBIC METRES: .477		.627						
CONVENTIONAL LAGOON SEASONAL								
PHOSPHORUS REMOVAL - BATCH								
WATERCOURSE: DITCH TO CALLANDER BAY								

BASIN - HURON

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
ONAPING FALLS (DOWLING) 110003077 TOWN DOWLING WPCP CAPACITY (MIGD): (.459) 1000 CUBIC METRES: 2.087 EXTENDED AERATION	2991	(.308) 1.398	5.70	7.97	5.90	8.25	1.94	2.71
WATERCOURSE: ONAPING RIVER								
ONAPING FALLS (LEVACK) 120001194 TOWN LEVACK WPCP CAPACITY (MIGD): (.349) 1000 CUBIC METRES: 1.587 EXTENDED AERATION	2008	(.317) 1.440	4.50	6.48	4.20	6.05	2.07	2.98
WATERCOURSE: ONAPING RIVER								
ONAPING FALLS (ONAPING) 120001149 TOWN ONAPING WPCP CAPACITY (MIGD): (.150) 1000 CUBIC METRES: .682 CONVENTIONAL ACTIVATED SLUDGE	964	(.134) .609	10.70	6.52	9.30	5.66	3.49	2.13
WATERCOURSE: SWAMP TO ONAPING RIVER								

BASIN - HURON

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MAJOR INDIRECT								
ORILLIA 120000569								
CITY	24000		18.50	341.20	14.20	261.89	0.39	7.19
ORILLIA WPCP								
CAPACITY (MIGD): (4.000)		(4.057)						
1000 CUBIC METRES: 18.184		18.443						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: LAKE SIMCOE								
DIRECT *MIN*								
OWEN SOUND 110000551								
CITY	19624		25.60	501.17	25.10	491.38	0.83	16.25
OWEN SOUND WPCP								
CAPACITY (MIGD): (5.400)		(4.307)						
1000 CUBIC METRES: 24.548		19.577						
PRIMARY								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: GEORGIAN BAY								
MIN								
PAISLEY 110001907								
VILLAGE	653		4.30	1.32	5.40	1.66	0.57	0.18
PAISLEY WPCP								
CAPACITY (MIGD): (.155)		(.068)						
1000 CUBIC METRES: .705		.308						
OXIDATION DITCH								
WATERCOURSE: SAUGEEN RIVER								

BASIN - HURON

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MIN								
PALMERSTON TOWN PALMERSTON WPCP CAPACITY (MIGD): (.150) 1000 CUBIC METRES: .682 CONVENTIONAL ACTIVATED SLUDGE	110001088 2050	(.477) 2.170	79.20	171.86	74.10	160.80	3.77	8.18
WATERCOURSE: WALLACE DRAIN								
MAJOR INDIRECT *MIN*								
PARRY SOUND TOWN PARRY SOUND WPCP CAPACITY (MIGD): (1.450) 1000 CUBIC METRES: 6.592 CONVENTIONAL ACTIVATED SLUDGE PHOSPHORUS REMOVAL-CONTINUOUS	110000560 5500	(.740) 3.364	3.40	11.44	8.60	28.93	0.86	2.89
WATERCOURSE: MC CURRY LAKE								
DIRECT								
PENETANGUISHENE TOWN PENETANGUISHENE WPCP CAPACITY (MIGD): (.660) 1000 CUBIC METRES: 3.000 CONTACT STABILIZATION PHOSPHORUS REMOVAL-CONTINUOUS	120000541 4000	(.616) 2.800	5.30	14.84	6.50	18.20	0.45	1.26
WATERCOURSE: PENETANG BAY								

BASIN - HURON

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MAJOR INDIRECT								
PORT ELGIN 120001470 TOWN	6210		4.00	13.50	2.60	8.78	1.92	6.48
PORT ELGIN WPCP CAPACITY (MIGD): (1.420) 1000 CUBIC METRES: 6.455 OXIDATION DITCH		(.743) 3.375						
WATERCOURSE: SAUGEEN RIVER								
DIRECT *MIN*								
PORT MCNICOLL 110001417 VILLAGE	1410		9.60	10.02	12.90	13.47	0.62	0.65
PORT MCNICOLL WPCP CAPACITY (MIGD): (.230) 1000 CUBIC METRES: 1.046 CONTACT STABILIZATION PHOSPHORUS REMOVAL-CONTINUOUS		(.230) 1.044						
WATERCOURSE: GEORGIAN BAY								
MIN								
POWASSAN 110000613 TOWN	1100		9.20	9.84	10.00	10.70	0.58	0.62
POWASSAN LAGOON CAPACITY (MIGD): (.186) 1000 CUBIC METRES: .846 CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL - BATCH REGULATED DISCHARGE VOLUME		(.235) 1.070						
WATERCOURSE: GENESEE CREEK								

BASIN - HURON

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MINN								
RATTER & DUNNET (WARREN) 110001916								
TOWNSHIP	612		3.20	0.85	15.70	4.16	0.25	0.07
WARREN LAGOON								
CAPACITY (MIGD): (.150)		(.058)						
1000 CUBIC METRES: .682		.265						
CONVENTIONAL LAGOON SEASONAL								
PHOSPHORUS REMOVAL - BATCH								
WATERCOURSE: VEUVE RIVER								
RAYSIDE-BALFOUR (AZILDA) 110001783								
TOWN	4373		5.10	20.63	6.30	25.48	2.17	8.78
AZILDA WPCP								
CAPACITY (MIGD): (.625)		(.890)						
1000 CUBIC METRES: 2.841		4.045						
EXTENDED AERATION								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: WHITSON CREEK								
RAYSIDE-BALFOUR (CHELMS) 120001176								
TOWN	8162		17.60	21.65	11.90	14.64	2.41	2.96
CHELMSFORD LAGOON								
CAPACITY (MIGD): (.181)		(.271)						
1000 CUBIC METRES: .823		1.230						
CONVENTIONAL LAGOON SEASONAL								
WATERCOURSE: MCKENZIE CREEK								

BASIN - HURON

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
RAYSIDE-BALFOUR (CHELMS) 120001568								
TOWN	4934		5.50	22.66	6.70	27.60	1.51	6.22
CHELMSFORD WPCP								
CAPACITY (MIGD): (1.250)		(.906)						
1000 CUBIC METRES: 5.683		4.120						
EXTENDED AERATION								
CONTACT STABILIZATION								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: WHITSON RIVER								
MIN								
SARNIA (BRIGHT'S GROVE) 110001989								
TOWNSHIP	2439		4.00	3.86	45.30	43.76	1.54	1.49
BRIGHT'S GROVE LAGOON								
CAPACITY (MIGD): (.387)		(.213)						
1000 CUBIC METRES: 1.759		.966						
CONVENTIONAL LAGOON SEASONAL								
WATERCOURSE: CREEK TO L.HURON								
DIRECT *MIN*								
SAULT STE MARIE 110000640								
CITY	75000		83.10	3,814.04	61.70	2,831.84	4.60	211.13
SAULT STE.MARIE WPCP								
CAPACITY (MIGD): (12.000)		(10.097)						
1000 CUBIC METRES: 54.552		45.897						
PRIMARY								
WATERCOURSE: ST. MARY'S RIVER								

BASIN - HURON

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MIN								
SEAFORTH 110001177								
TOWN	2116		11.80	19.27	13.20	21.56	0.40	0.65
SEAFORTH LAGOON								
CAPACITY (MIGD): (.223)		(.359)						
1000 CUBIC METRES: 1.014		1.633						
CONVENTIONAL LAGOON SEASONAL								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: CRESSWELL CREEK								
MIN								
SHELBURNE ** 110000659								
TOWN	4000		2.50	3.68	4.80	7.06	0.59	0.87
SHELBURNE WPCP								
CAPACITY (MIGD): (.450)		(.323)						
1000 CUBIC METRES: 2.046		1.470						
OXIDATION DITCH								
PHOSPHORUS REMOVAL-CONTINUOUS								
EFFLUENT POLISHING								
WATERCOURSE: BOYNE RIVER								
MIN								
SOUTHAMPTON 110001453								
TOWN	2680		4.40	5.10	5.50	6.38	2.84	3.29
SOUTHAMPTON WPCP								
CAPACITY (MIGD): (.670)		(.255)						
1000 CUBIC METRES: 3.046		1.160						
OXIDATION DITCH								
WATERCOURSE: SAUGEEN R.								

BASIN - HURON

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
DIRECT								
ST.EDMUNDS (TOBERMORY) 120001577 TOWNSHIP	100		0.00	0.00	0.00	0.00	0.00	0.00
TOBERMORY LAGOON CAPACITY (MIGD): (.037) 1000 CUBIC METRES: .168		(.008) .036						
AERATED CELL PLUS LAGOON EXFILTRATION LAGOON								
WATERCOURSE: NO DISC.TO SURFACE WATER								
STAYNER 110000695 TOWN	2400		35.90	40.64	26.05	29.49	1.48	1.68
STAYNER LAGOON CAPACITY (MIGD): (.230) 1000 CUBIC METRES: 1.046		(.249) 1.132						
AERATED CELL PLUS LAGOON SEASONAL DISCHARGE PHOSPHORUS REMOVAL - BATCH								
WATERCOURSE: LAMONT CREEK								
MIN								
STEPHEN (GRAND BEND) 110002452 TOWNSHIP	642		6.70	4.40	42.30	27.79	0.36	0.24
GRAND BEND LAGOON CAPACITY (MIGD): (.417) 1000 CUBIC METRES: 1.896		(.145) .657						
CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL - BATCH								
WATERCOURSE: AUSABLE RIVER								

BASIN - HURON

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MIN								
STEPHEN (HURON PARK) TOWNSHIP	110003488							
HURON PARK WPCP	1400		4.80	6.32	5.40	7.11	1.43	1.88
CAPACITY (MIGD): (.400)		(.290)						
1000 CUBIC METRES: 1.818		1.316						
CONVENTIONAL ACTIVATED SLUDGE								
WATERCOURSE: AUSABLE R								
MAJOR INDIRECT *MIN*								
STURGEON FALLS TOWN	110001435							
STURGEON FALLS WPCP	6040		6.00	40.60	5.30	35.87	0.32	2.17
CAPACITY (MIGD): (1.000)		(1.489)						
1000 CUBIC METRES: 4.546		6.767						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: STURGEON RIVER								
MAJOR INDIRECT								
SUDBURY CITY	110000711							
SUDBURY WPCP	95000		10.00	548.83	9.40	515.90	1.84	100.98
CAPACITY (MIGD): (15.000)		(12.074)						
1000 CUBIC METRES: 68.190		54.883						
HIGH RATE								
WATERCOURSE: JUNCTION CREEK								

BASIN - HURON

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MIN								
SUNDRIDGE VILLAGE	110001961							
	740		2.50	1.85	12.30	9.10	0.33	0.24
SUNRIDGE LAGOON								
CAPACITY (MIGD):	(.144)	(.163)						
1000 CUBIC METRES:	.655	.740						
CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL - BATCH								
WATERCOURSE: BERNARD CREEK								
MIN								
THEDFORD VILLAGE	110002336							
	661		8.90	2.21	28.20	6.99	1.18	0.29
THEDFORD LAGOON								
CAPACITY (MIGD):	(.106)	(.055)						
1000 CUBIC METRES:	.482	.248						
CONVENTIONAL LAGOON ANNUAL								
WATERCOURSE: DECKER CREEK								
DIRECT *MIN*								
THESSALON TOWN	110002434							
	1600		14.20	16.44	26.50	30.69	1.02	1.18
THESSALON LAGOON								
CAPACITY (MIGD):	(.271)	(.255)						
1000 CUBIC METRES:	1.232	1.158						
CONVENTIONAL LAGOON SEASONAL								
WATERCOURSE: THESSALON RIVER								

BASIN - HURON

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
DIRECT *MIN*								
THORNBURY 110001890								
TOWN	1528		18.20	28.45	21.00	32.82	1.60	2.50
THORNBURY LAGOON (SUMMER STORAGE)								
CAPACITY (MIGD): (.380)		(.344)						
1000 CUBIC METRES: 1.727		1.563						
AERATED CELL PLUS LAGOON								
WATERCOURSE: BEAVER RIVER								
TOTTENHAM 120000523								
VILLAGE	3000		10.40	13.67	19.80	26.02	0.48	0.63
TOTTENHAM LAGOON								
CAPACITY (MIGD): (.190)		(.289)						
1000 CUBIC METRES: .864		1.314						
CONVENTIONAL LAGOON SEASONAL								
PHOSPHORUS REMOVAL - BATCH								
WATERCOURSE: BEETON CREEK								
MIN								
TUCKERSMITH (VAN ASTRA) 110003013								
TOWNSHIP	650		5.30	4.16	8.30	6.51	1.02	0.80
VAN ASTRA WPCP								
CAPACITY (MIGD): (.309)		(.172)						
1000 CUBIC METRES: 1.405		.784						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: MUN DRAIN TO BAYFIELD R.								

BASIN - HURON

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
UXBRIDGE 120000756 TOWNSHIP	4550		5.60	8.80	6.10	9.59	0.21	0.33
UXBRIDGE BROOK WPCP CAPACITY (MIGD): (.800) 1000 CUBIC METRES: 3.637 EXTENDED AERATION PHOSPHORUS REMOVAL-CONTINUOUS EFFLUENT POLISHING		(.346) 1.572						
WATERCOURSE: UXBRIDGE BROOK								
MAJOR INDIRECT								
VALLEY EAST(HAMNER ECT) 110001541 TOWN	17337		14.30	72.82	3.00	15.28	1.14	5.80
HAMNER,VAL-CARON,VAL-THERESE WPCP CAPACITY (MIGD): (2.500) 1000 CUBIC METRES: 11.365 CONVENTIONAL ACTIVATED SLUDGE PHOSPHORUS REMOVAL-CONTINUOUS		(1.120) 5.092						
WATERCOURSE: VERMILION RIVER								
MIN								
VICTORIA HARBOUR ** 120003227 VILLAGE	1256		2.10	0.87	4.30	1.77	0.22	0.09
VICTORIA HARBOUR WPCP CAPACITY (MIGD): (.520) 1000 CUBIC METRES: 2.364 EXTENDED AERATION PHOSPHORUS REMOVAL-CONTINUOUS EFFLUENT POLISHING		(.091) .412						
WATERCOURSE: GEORGIAN BAY								

BASIN - HURON

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
WALDEN (LIVELY) 120001185								
TOWN	3669		3.50	4.93	3.20	4.51	1.94	2.73
LIVELY WPCP								
CAPACITY (MIGD): (.350)		(.310)						
1000 CUBIC METRES: 1.591		1.408						
EXTENDED AERATION								
WATERCOURSE: MEATBIRD CREEK								
MAJOR INDIRECT								
WALDEN (NIKKOLA) 120001531								
TOWN	1600		6.20	7.25	9.90	11.58	2.34	2.74
NIKKOLA WPCP								
CAPACITY (MIGD): (.960)		(.257)						
1000 CUBIC METRES: 4.364		1.170						
EXTENDED AERATION								
WATERCOURSE: JUNCTION CREEK								
MAJOR INDIRECT								
WALKERTON 120001489								
TOWN	4591		15.78	80.07	11.61	58.91	0.98	4.97
WALKERTON WPCP								
CAPACITY (MIGD): (1.660)		(1.116)						
1000 CUBIC METRES: 7.546		5.074						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: SAUGEEN RIVER								

BASIN - HURON

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MAJOR INDIRECT *MIN*								
WASAGA BEACH ** 120001862								
TOWN	2625		0.00	0.00	0.00	0.00	0.00	0.00
WASAGA BEACH WPCP (SUM.POP.SERV.73000)								
CAPACITY (MIGD): (1.270)		(.166)						
1000 CUBIC METRES: 5.773		.754						
EXTENDED AERATION								
EFFLUENT POLISHING								
EXFILTRATION								
WATERCOURSE: NO DISC.TO SURFACE WATER								
MIN								
WEBBWOOD 110001881								
TOWN	460		12.20	1.11	31.90	2.90	3.40	0.31
WEBBWOOD LAGOON								
CAPACITY (MIGD): (.075)		(.020)						
1000 CUBIC METRES: .341		.091						
CONVENTIONAL LAGOON SEASONAL								
WATERCOURSE: GOUGH CREEK								
DIRECT *MIN*								
WIARTON 110000819								
TOWN	2061		16.20	33.78	49.10	102.37	0.68	1.42
WIARTON LAGOON								
CAPACITY (MIGD): (.441)		(.459)						
1000 CUBIC METRES: 2.005		2.085						
CONVENTIONAL LAGOON CONTINUOUS								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: COLPOY BAY								

BASIN - HURON

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MIN								
WINGHAM TOWN WINGHAM LAGOON	110000828 2931		17.00	42.11	17.40	43.10	2.17	5.38
CAPACITY (MIGD): (.353)		(.545)						
1000 CUBIC METRES: 1.605		2.477						
CONVENTIONAL LAGOON CONTINUOUS								
WATERCOURSE: MAITLAND RIVER								
MIN								
ZURICH VILLAGE ZURICH LAGOON	110001444 800		11.70	5.36	26.80	12.27	1.35	0.62
CAPACITY (MIGD): (.097)		(.101)						
1000 CUBIC METRES: .441		.458						
CONVENTIONAL LAGOON SEASONAL								
WATERCOURSE: MUN DRAIN TO L. HURON								
(DIRECT) TOTAL :				4,782.36		3,968.76		292.82
(MAJOR INDIRECT) TOTAL :				2,125.99		2,461.25		230.42

BASIN - ERIE

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MIN								
ALVINSTON VILLAGE 110002069	545		4.00	0.47	4.30	0.51	1.72	0.20
ALVINSTON WPCP								
CAPACITY (MIGD): (.132)		(.026)						
1000 CUBIC METRES: .600		.118						
EXTENDED AERATION								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: SYDENHAM RIVER								
DIRECT								
AMHERSTBURG TOWN 120001087	8500		43.80	219.00	26.90	134.50	4.20	21.00
AMHERSTBURG WPCP								
CAPACITY (MIGD): (1.000)		(1.100)						
1000 CUBIC METRES: 4.546		5.000						
PRIMARY								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: DETROIT RIVER								
MIN								
ANDERDON (EDGEWATER) TOWNSHIP 110002407	761		1.60	0.38	3.10	0.74	0.06	0.01
EDGEWATER BEACH LAGOON								
CAPACITY (MIGD): (.355)		(.052)						
1000 CUBIC METRES: 1.614		.238						
CONVENTIONAL LAGOON SEASONAL								
PHOSPHORUS REMOVAL - BATCH								
WATERCOURSE: DETROIT RIVER								

BASIN - ERIE

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MIN								
ANDERDON (MCGREGOR) TOWNSHIP	110002096	1100	3.00	0.99	3.20	1.05	0.62	0.20
MCGREGOR LAGOON								
CAPACITY (MIGD):	(.100)	(.072)						
1000 CUBIC METRES:	.455	.329						
LAGOON AND SPRAY SEASONAL DISCHARGE								
WATERCOURSE: KING'S CREEK								
MIN								
ARTHUR VILLAGE	110000882	1674	13.00	13.47	21.50	22.27	1.21	1.25
ARTHUR LAGOON								
CAPACITY (MIGD):	(.216)	(.228)						
1000 CUBIC METRES:	.982	1.036						
CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL - BATCH								
WATERCOURSE: CONESTOGA RIVER								
MIN								
AYLMER TOWN	110000891	5127	19.80	89.42	37.70	170.25	1.53	6.91
AYLMER LAGOON								
CAPACITY (MIGD):	(.535)	(.994)						
1000 CUBIC METRES:	2.432	4.516						
CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: CATFISH CREEK								

BASIN - ERIE

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MIN								
BELMONT 110002032								
VILLAGE	906		7.90	2.46	13.10	4.07	0.47	0.15
BELMONT LAGOON								
CAPACITY (MIGD): (.120)		(.068)						
1000 CUBIC METRES: .546		.311						
CONVENTIONAL LAGOON SEASONAL								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: KETTLE CREEK								
MIN								
BLANDFORD-BLENHEIM(PLAT) 110003022								
TOWNSHIP	516		12.60	5.20	20.10	8.30	0.62	0.26
PLATTSVILLE LAGOON								
CAPACITY (MIGD): (.131)		(.091)						
1000 CUBIC METRES: .596		.413						
AERATED CELL PLUS LAGOON								
SEASONAL DISCHARGE								
PHOSPHORUS REMOVAL - BATCH								
WATERCOURSE: NITH RIVER								
MIN								
BLENHEIM 120001666								
TOWN	4000		13.40	21.32	43.80	69.69	0.58	0.92
BLENHEIM LAGOON								
CAPACITY (MIGD): (.429)		(.350)						
1000 CUBIC METRES: 1.950		1.591						
CONVENTIONAL LAGOON SEASONAL								
PHOSPHORUS REMOVAL - BATCH								
WATERCOURSE: CAMERON DR - MCGREGOR CK								

BASIN - ERIE

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MAJOR INDIRECT *MIN*								
BRANTFORD CITY 110000043	73000		12.80	691.94	7.30	394.62	0.75	40.54
BRANTFORD WPCP								
CAPACITY (MIGD): (18.000)		(11.893)						
1000 CUBIC METRES: 81.828		54.058						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: GRAND RIVER								
1984 DATA NOT AVAILABLE								
BRANTFORD TOWNSHIP 120004716	65		0.00	0.00	0.00	0.00	0.00	0.00
CAINSVILLE LAGOON (SERVES INDUSTRY)								
CAPACITY (MIGD): (.037)		(.000)						
1000 CUBIC METRES: .168		.000						
CONVENTIONAL LAGOON SEASONAL								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: FAIRCHILD CREEK								
BRANTFORD TOWNSHIP 120004798	65		0.00	0.00	0.00	0.00	0.00	0.00
AIRPORT WPCP (DISCHARGE TO A TILE FIELD)								
CAPACITY (MIGD): (.050)		(.000)						
1000 CUBIC METRES: .227		.000						
COMMUNAL SEPTIC TANK								
WATERCOURSE: NO DISC.TO SURFACE WATER								

BASIN - ERIE

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MAJOR INDIRECT *MIN*								
CAMBRIDGE (GALT) 110000276								
CITY	44966		14.00	441.27	14.10	444.42	0.89	28.05
GALT WPCP								
CAPACITY (MIGD): (8.500)		(6.934)						
1000 CUBIC METRES: 38.641		31.519						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: GRAND RIVER								
MAJOR INDIRECT *MIN*								
CAMBRIDGE (HESPELER) 110001033								
CITY	10110		30.70	164.15	27.70	148.11	0.91	4.87
HESPELER WPCP								
CAPACITY (MIGD): (2.050)		(1.176)						
1000 CUBIC METRES: 9.319		5.347						
HIGH RATE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: SPEED RIVER								
MAJOR INDIRECT *MIN*								
CAMBRIDGE (PRESTON) 110000622								
CITY	19673		26.50	212.34	15.00	120.20	0.57	4.57
PRESTON WPCP								
CAPACITY (MIGD): (3.710)		(1.763)						
1000 CUBIC METRES: 16.866		8.013						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: GRAND RIVER								

BASIN - ERIE

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT		POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MAJOR INDIRECT									
CHATHAM CITY	110000098	41000		5.10	131.53	9.50	245.01	0.78	20.12
CHATHAM WPCP									
CAPACITY (MIGD):	(7.900)		(5.674)						
1000 CUBIC METRES:	35.913		25.790						
CONVENTIONAL ACTIVATED SLUDGE									
PHOSPHORUS REMOVAL-CONTINUOUS									
EFFLUENT POLISHING									
						WATERCOURSE: THAMES RIVER			
	MIN								
DELHI TOWNSHIP	120001425	3839		10.10	19.93	9.10	17.95	0.32	0.63
DELHI WPCP									
CAPACITY (MIGD):	(.700)		(.434)						
1000 CUBIC METRES:	3.182		1.973						
CONVENTIONAL ACTIVATED SLUDGE									
PHOSPHORUS REMOVAL-CONTINUOUS									
						WATERCOURSE: BIG CREEK			
DIRECT	*MIN*								
DOVER (MITCHELL'S BAY) TOWNSHIP	110002087	350		2.50	0.33	7.00	0.93	0.07	0.01
MITCHELL'S BAY LAGOON									
CAPACITY (MIGD):	(.112)		(.029)						
1000 CUBIC METRES:	.509		.133						
CONVENTIONAL LAGOON SEASONAL									
PHOSPHORUS REMOVAL - BATCH									
						WATERCOURSE: LAKE ST. CLAIR			

BASIN - ERIE

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MAJOR INDIRECT *MIN*								
DRESDEN 110002014								
TOWN	2278		4.80	10.20	8.40	17.84	0.58	1.23
DRESDEN WPCP								
CAPACITY (MIGD): (1.000)		(.467)						
1000 CUBIC METRES: 4.546		2.124						
EXTENDED AERATION								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: SYDENHAM RIVER								
MIN								
DUNDALK 110001471								
VILLAGE	1190		10.50	8.55	14.40	11.72	0.86	0.70
DUNDALK LAGOON								
CAPACITY (MIGD): (.119)		(.179)						
1000 CUBIC METRES: .541		.814						
CONVENTIONAL LAGOON SEASONAL								
PHOSPHORUS REMOVAL - BATCH								
WATERCOURSE: FOLEY DRAIN TO GRAND R.								
MAJOR INDIRECT *MIN*								
DUNNVILLE 120001443								
TOWN	5471		25.10	115.36	15.70	72.16	1.01	4.64
DUNNVILLE WPCP								
CAPACITY (MIGD): (1.700)		(1.011)						
1000 CUBIC METRES: 7.728		4.596						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: GRAND RIVER								

BASIN - ERIE

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MIN								
DUNNVILLE (OSWEGO PARK) 110003068								
TOWN	250		6.40	0.86	11.50	1.55	0.85	0.11
OSWEGO PARK LAGOON								
CAPACITY (MIGD): (.020)		(.030)						
1000 CUBIC METRES: .091		.135						
CONVENTIONAL LAGOON ANNUAL								
WATERCOURSE: OSWEGO CREEK								
MIN								
DUTTON 110001266								
VILLAGE	819		21.30	8.69	88.20	35.99	0.99	0.40
DUTTON LAGOON								
CAPACITY (MIGD): (.074)		(.090)						
1000 CUBIC METRES: .336		.408						
CONVENTIONAL LAGOON SEASONAL								
PHOSPHORUS REMOVAL - BATCH								
WATERCOURSE: BENNETT CK. TO L. ERIE								
MIN								
EAST ZORRA (TAVISTOCK) 110000720								
TOWNSHIP	1779		27.80	22.88	19.70	16.21	0.92	0.76
TAVISTOCK LAGOON								
CAPACITY (MIGD): (.218)		(.181)						
1000 CUBIC METRES: .991		.823						
CONVENTIONAL LAGOON SEASONAL								
PHOSPHORUS REMOVAL - BATCH								
WATERCOURSE: TRIBUTARY TO THAMES R.								

BASIN - ERIE

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT		POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
ELORA VILLAGE	110000178	2800		3.80	4.92	4.00	5.18	0.42	0.54
ELORA WPCP									
CAPACITY (MIGD):			(.674)						
1000 CUBIC METRES:			3.064						
EXTENDED AERATION			1.294						
PHOSPHORUS REMOVAL-CONTINUOUS									
							WATERCOURSE: GRAND RIVER		
	MIN			NO 1984 DISCHARGE					
ENNISKILLEN (OIL CITY) TOWNSHIP	110001738	200		0.00	0.00	0.00	0.00	0.00	0.00
OIL CITY LAGOON									
CAPACITY (MIGD):			(.040)						
1000 CUBIC METRES:			.182						
CONVENTIONAL LAGOON SEASONAL			.067						
PHOSPHORUS REMOVAL - BATCH									
							WATERCOURSE: BLACK CREEK		
	MIN								
ESSEX (N.E.) TOWN	110000203	2300		5.70	6.57	5.50	6.34	0.14	0.16
ESSEX LAGOON N.E.									
CAPACITY (MIGD):			(.635)						
1000 CUBIC METRES:			2.887						
CONVENTIONAL LAGOON SEASONAL			1.153						
PHOSPHORUS REMOVAL - BATCH									
							WATERCOURSE: PUCE RIVER DRAIN		

BASIN - ERIE

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MIN								
ESSEX (S.W.)	110000837							
TOWN	3900		4.20	3.80	5.30	4.80	0.78	0.71
ESSEX LAGOON S.W.								
CAPACITY (MIGD): (.336)		(.199)						
1000 CUBIC METRES: 1.527		.905						
CONVENTIONAL LAGOON SEASONAL								
PHOSPHORUS REMOVAL - BATCH								
WATERCOURSE: CANARD RIVER								
MAJOR INDIRECT *MIN*								
FERGUS	110000249							
TOWN	5935		10.50	39.25	17.10	63.92	0.64	2.39
FERGUS WPCP								
CAPACITY (MIGD): (1.100)		(.822)						
1000 CUBIC METRES: 5.001		3.738						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: GRAND RIVER								
DIRECT								
FORT ERIE(CRYSTAL BEACH)	120001283							
TOWN	4095		13.40	64.43	18.20	87.51	0.92	4.42
CRYSTAL BEACH WPCP								
CAPACITY (MIGD): (.855)		(1.058)						
1000 CUBIC METRES: 3.887		4.808						
EXTENDED AERATION								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: LAKE ERIE								

BASIN - ERIE

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MIN								
GLENCOE VILLAGE	110001845							
GLENCOE LAGOON	1690		23.10	14.85	256.50	164.93	1.49	0.96
CAPACITY (MIGD):	(.208)	(.141)						
1000 CUBIC METRES:	.946	.643						
CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL - BATCH								
WATERCOURSE: NEWBIGGEN CREEK								
MIN								
GOSFIELD N. (COTTAM) TOWNSHIP	110002005							
COTTAM LAGOON	700		6.00	1.64	16.90	4.63	0.29	0.08
CAPACITY (MIGD):	(.149)	(.060)						
1000 CUBIC METRES:	.677	.274						
CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL - BATCH								
WATERCOURSE: MADDOX DRAIN TO BELLE R.								
MIN								
GRAND VALLEY VILLAGE	110000301							
GRAND VALLEY WPCP	1200		6.80	2.05	12.70	3.82	0.63	0.19
CAPACITY (MIGD):	(.132)	(.066)						
1000 CUBIC METRES:	.600	.301						
OXIDATION DITCH PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: GRAND RIVER								

BASIN - ERIE

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
GUELPH ** 120003094 CITY GUELPH WPCP CAPACITY (MIGD): (12.000) 1000 CUBIC METRES: 54.552 CONVENTIONAL ACTIVATED SLUDGE PHOSPHORUS REMOVAL-CONTINUOUS EFFLUENT POLISHING	76600	(9.586) 43.574	15.50	675.40	11.00	479.31	0.95	41.40
WATERCOURSE: SPEED RIVER								
MIN								
HALDIMAND (CALEDONIA) 120001452 TOWN CALEDONIA WPCP CAPACITY (MIGD): (.500) 1000 CUBIC METRES: 2.273 CONVENTIONAL ACTIVATED SLUDGE PHOSPHORUS REMOVAL-CONTINUOUS	4237	(.491) 2.230	7.30	16.28	15.20	33.90	0.67	1.49
WATERCOURSE: GRAND RIVER								
MIN								
HALDIMAND (CAYUGA) 110000089 TOWN CAYUGA WPCP CAPACITY (MIGD): (.200) 1000 CUBIC METRES: .909 OXIDATION DITCH PHOSPHORUS REMOVAL-CONTINUOUS	1049	(.147) .669	2.70	1.81	9.30	6.22	0.47	0.31
WATERCOURSE: GRAND RIVER								

BASIN - ERIE

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MIN								
HALDIMAND (HAGERSVILLE) 110001024								
TOWN	2362		4.80	6.68	9.10	12.67	0.44	0.61
HAGERSVILLE WPCP								
CAPACITY (MIGD): (.220)		(.306)						
1000 CUBIC METRES: 1.000		1.392						
EXTENDED AERATION								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: SANDUSK CREEK								
MIN								
HARROW 110002103								
TOWN	2281		8.10	8.96	22.00	24.33	0.51	0.56
HARROW LAGOON								
CAPACITY (MIGD): (.335)		(.243)						
1000 CUBIC METRES: 1.523		1.106						
CONVENTIONAL LAGOON SEASONAL								
PHOSPHORUS REMOVAL - BATCH								
WATERCOURSE: CEDAR CREEK								
MIN								
HENSALL 110000926								
VILLAGE	1000		8.20	4.40	36.90	19.78	1.58	0.85
HENSALL LAGOON								
CAPACITY (MIGD): (.137)		(.118)						
1000 CUBIC METRES: .623		.536						
CONVENTIONAL LAGOON ANNUAL								
WATERCOURSE: BLACK CK TO AUSABLE R.								

BASIN - ERIE

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	LOADING (KG/D)	S S CONC. (MG/L)	LOADING (KG/D)	T. PHOS CONC. (MG/L)	LOADING (KG/D)
MAJOR INDIRECT *MIN*								
INGERSOLL (NEW) 110003969								
TOWN	5300		8.50	44.91	6.50	34.35	0.52	2.75
INGERSOLL NEW WPCP								
CAPACITY (MIGD): (1.500)		(1.162)						
1000 CUBIC METRES: 6.819		5.284						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: THAMES RIVER								
MIN								
INGERSOLL (OLD) 110003978								
TOWN	2700		9.10	12.79	13.40	18.83	0.68	0.96
INGERSOLL OLD WPCP								
CAPACITY (MIGD): (.750)		(.309)						
1000 CUBIC METRES: 3.410		1.405						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: THAMES RIVER								
KINGSVILLE 120001078								
TOWN	5200		17.40	40.89	20.40	47.94	1.66	3.90
KINGSVILLE LAGOON								
CAPACITY (MIGD): (.391)		(.517)						
1000 CUBIC METRES: 1.777		2.350						
CONVENTIONAL LAGOON SEASONAL								
PHOSPHORUS REMOVAL - BATCH								
WATERCOURSE: WIGLE CREEK								

BASIN - ERIE

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MAJOR INDIRECT *MIN*								
KITCHENER CITY 110000374	138271		5.40	370.24	6.20	425.09	0.69	47.31
KITCHENER WPCP								
CAPACITY (MIGD): (27.000)		(15.084)						
1000 CUBIC METRES: 122.742		68.563						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: GRAND RIVER								
DIRECT								
LEAMINGTON TOWN 120001069	12600		7.80	52.56	15.70	105.79	0.57	3.84
LEAMINGTON WPCP								
CAPACITY (MIGD): (4.200)		(1.482)						
1000 CUBIC METRES: 19.093		6.738						
EXTENDED AERATION								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: LAKE ERIE								
MAJOR INDIRECT								
LONDON (ADELAIDE) CITY 120000872	34766		2.90	48.84	5.20	87.57	0.92	15.49
ADELAIDE WPCP								
CAPACITY (MIGD): (4.000)		(3.705)						
1000 CUBIC METRES: 18.184		16.840						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: THAMES RIVER								

BASIN - ERIE

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MAJOR INDIRECT								
LONDON (GREENWAY) 120000863								
CITY	164614		4.90	625.71	9.30	1,187.57	0.93	118.76
GREENWAY WPCP								
CAPACITY (MIGD): (27.350)		(28.093)						
1000 CUBIC METRES: 124.333		127.696						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: THAMES RIVER								
MAJOR INDIRECT								
LONDON (OXFORD) 120000854								
CITY	13329		5.40	28.39	11.40	59.94	0.88	4.63
OXFORD WPCP								
CAPACITY (MIGD): (1.200)		(1.157)						
1000 CUBIC METRES: 5.455		5.258						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: THAMES RIVER								
MAJOR INDIRECT								
LONDON (POTTERSBURG) 120000836								
CITY	25979		2.90	50.44	4.10	71.31	0.85	14.78
POTTERSBURG WPCP								
CAPACITY (MIGD): (4.850)		(3.826)						
1000 CUBIC METRES: 22.048		17.393						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: THAMES RIVER								

BASIN - ERIE

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MAJOR INDIRECT								
LONDON (VAUXHALL) 120000845								
CITY	23154		4.80	89.29	9.90	184.16	0.79	14.70
VAUXHALL WPCP								
CAPACITY (MIGD): (4.600)		(4.092)						
1000 CUBIC METRES: 20.912		18.602						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: THAMES RIVER								
DIRECT *MIN*								
MAIDSTONE (BELLE RIVER) 110002078								
TOWNSHIP	7419		6.60	33.03	11.00	55.04	0.61	3.05
BELLE RIVER-MAIDSTONE WPCP								
CAPACITY (MIGD): (1.500)		(1.101)						
1000 CUBIC METRES: 6.819		5.004						
EXTENDED AERATION								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: LAKE ST.CLAIR								
MIN								
MITCHELL 110000472								
TOWN	2745		14.90	34.73	35.80	83.45	0.58	1.35
MITCHELL LAGOON								
CAPACITY (MIGD): (.912)		(.513)						
1000 CUBIC METRES: 4.146		2.331						
CONVENTIONAL LAGOON SEASONAL								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: THAMES RIVER								

BASIN - EPIE

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MIN								
MOORE (BRIGDEN)	110002023							
TOWNSHIP	641		12.60	1.88	17.00	2.53	2.00	0.30
BRIGDEN P.V. LAGOON								
CAPACITY (MIGD): (.074)		(.033)						
1000 CUBIC METRES: .336		.149						
CONVENTIONAL LAGOON ANNUAL								
PHOSPHORUS REMOVAL - BATCH								
						WATERCOURSE: BEAR CREEK		
DIRECT *MIN*								
MOORE (CORUNNA)	110000481							
TOWNSHIP	5000		7.40	10.55	8.80	12.55	0.86	1.23
CORUNNA P.V. PLANT								
CAPACITY (MIGD): (1.000)		(.314)						
1000 CUBIC METRES: 4.546		1.426						
EXTENDED AERATION								
PHOSPHORUS REMOVAL-CONTINUOUS								
						WATERCOURSE: ST. CLAIR RIVER		
DIRECT *MIN*								
MOORE (COURTRIGHT)	110001818							
TOWNSHIP	1411		11.60	7.11	9.70	5.95	1.18	0.72
COURTRIGHT WPCP								
CAPACITY (MIGD): (.125)		(.135)						
1000 CUBIC METRES: .568		.613						
EXTENDED AERATION								
PHOSPHORUS REMOVAL-CONTINUOUS								
						WATERCOURSE: ST CLAIR RIVER		

BASIN - ERIE

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MIN								
NANTICOKE (JARVIS) 120001434								
CITY	1190		16.70	13.18	31.00	24.46	0.51	0.40
JARVIS LAGOON								
CAPACITY (MIGD): (.120)		(.174)						
1000 CUBIC METRES: .546		.789						
CONVENTIONAL LAGOON SEASONAL								
PHOSPHORUS REMOVAL - BATCH								
							WATERCOURSE: SANDUSK CREEK	
MIN								
NANTICOKE (PORT DOVER) 110000604								
CITY	3475		65.60	216.87	35.00	115.71	1.17	3.87
PORT DOVER WPCP								
CAPACITY (MIGD): (.900)		(.727)						
1000 CUBIC METRES: 4.091		3.306						
PRIMARY								
PHOSPHORUS REMOVAL-CONTINUOUS								
							WATERCOURSE: LAKE ERIE	
MIN			NO 1984 SAMPLES COLLECTED					
NANTICOKE (TOWNSEND) 110003424								
CITY	200		0.00	0.00	0.00	0.00	0.00	0.00
TOWNSEND LAGOON								
CAPACITY (MIGD): (.210)		(.000)						
1000 CUBIC METRES: .955		.000						
CONVENTIONAL LAGOON SEASONAL								
PHOSPHORUS REMOVAL - BATCH								
							WATERCOURSE: NANTICOKE CREEK	

BASIN - ERIE

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MIN								
NANTICOKE (WATERFORD) 110001195								
CITY	2364		18.10	19.20	22.90	24.30	0.71	0.75
WATERFORD LAGOON								
CAPACITY (MIGD): (.470)		(.233)						
1000 CUBIC METRES: 2.137		1.061						
AERATED CELL PLUS LAGOON								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: NANTICOKE CREEK								
MIN								
NORFOLK (PORT ROWAN) 110001113								
TOWNSHIP	720		6.00	1.63	7.60	2.07	0.38	0.10
PORT ROWAN LAGOON								
CAPACITY (MIGD): (.160)		(.060)						
1000 CUBIC METRES: .727		.272						
CONVENTIONAL LAGOON SEASONAL								
PHOSPHORUS REMOVAL - BATCH								
WATERCOURSE: DEDRICH CREEK								
MIN								
NORTH DUMFRIES (AYR) 110001943								
TOWNSHIP	1281		3.70	1.60	10.50	4.55	0.42	0.18
AYR PV WPCP								
CAPACITY (MIGD): (.260)		(.095)						
1000 CUBIC METRES: 1.182		.433						
EXTENDED AERATION								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: NITH RIVER								

BASIN - ERIE

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT		POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
	MIN								
NORWICH TOWNSHIP	110001480	2156		14.20	11.33	56.90	45.41	0.71	0.57
NORWICH LAGOON									
CAPACITY (MIGD):	(.219)		(.176)						
1000 CUBIC METRES:	.996		.798						
CONVENTIONAL LAGOON SEASONAL									
PHOSPHORUS REMOVAL-CONTINUOUS									
							WATERCOURSE: BIG OTTER CREEK		
	MIN								
OIL SPRINGS VILLAGE	110001998	605		15.30	2.63	58.50	10.06	0.44	0.08
OIL SPRINGS LAGOON									
CAPACITY (MIGD):	(.060)		(.038)						
1000 CUBIC METRES:	.273		.172						
CONVENTIONAL LAGOON ANNUAL									
PHOSPHORUS REMOVAL - BATCH									
							WATERCOURSE: BLACK CREEK		
MAJOR INDIRECT	*MIN*								
PARIS TOWN	110001097	4359		8.60	19.26	9.50	21.28	0.57	1.28
PARIS WPCP									
CAPACITY (MIGD):	(1.550)		(.493)						
1000 CUBIC METRES:	7.046		2.240						
EXTENDED AERATION									
PHOSPHORUS REMOVAL-CONTINUOUS									
							WATERCOURSE: GRAND RIVER		

BASIN - ERIE

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MIN								
PETROLIA ** 110000579								
TOWN	4186		3.40	5.03	5.00	7.39	0.57	0.84
PETROLIA WPCP + LAGOON + FILTER								
CAPACITY (MIGD): (.700)		(.325)						
1000 CUBIC METRES: 3.182		1.478						
EXTENDED AERATION								
PHOSPHORUS REMOVAL-CONTINUOUS								
EFFLUENT POLISHING								
WATERCOURSE: BEAR CREEK								
MIN								
PLYMPTON (WYOMING) ** 110002489								
TOWNSHIP	1740		17.80	6.89	16.20	6.27	1.04	0.40
WYOMING WPCP								
CAPACITY (MIGD): (.248)		(.085)						
1000 CUBIC METRES: 1.127		.387						
EXTENDED AERATION								
PHOSPHORUS REMOVAL-CONTINUOUS								
EFFLUENT POLISHING								
WATERCOURSE: STONEHOUSE DRAIN								
DIRECT *MIN*								
POINT EDWARD 110000597								
VILLAGE	2373		66.50	121.50	53.70	98.11	3.72	6.80
POINT EDWARD WPCP								
CAPACITY (MIGD): (.570)		(.402)						
1000 CUBIC METRES: 2.591		1.827						
PRIMARY								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: ST. CLAIR RIVER								

BASIN - ERIE

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MIN	START-UP LATE 1984		1984 DATA NOT AVAILABLE					
PORT BURWELL VILLAGE PORT BURWELL WPCP CAPACITY (MIGD): (.116) 1000 CUBIC METRES: .527 EXTENDED AERATION PHOSPHORUS REMOVAL-CONTINUOUS	110001319 200	( )	0.00	0.00	0.00	0.00	0.00	0.00
WATERCOURSE: BIG OTTER CR.- LAKE ERIE								
MIN								
PORT STANLEY VILLAGE PORT STANLEY LAGOON CAPACITY (MIGD): (.329) 1000 CUBIC METRES: 1.496 CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL - BATCH	110001373 2416	(.187) .849	12.60	10.70	23.00	19.53	0.69	0.59
WATERCOURSE: DITCH TO KETTLE CREEK								
MIN								
RALEIGH TILBURY E(MERLIN TOWNSHIP MERLIN PV LAGOON CAPACITY (MIGD): (.102) 1000 CUBIC METRES: .464 CONVENTIONAL LAGOON ANNUAL PHOSPHORUS REMOVAL - BATCH	110000935 703	(.043) .194	1.20	0.23	4.00	0.78	0.23	0.04
WATERCOURSE: FOXTON DR.- JEANETTES CK								

BASIN - ERIE

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MIN								
RIDGETOWN TOWN RIDGETOWN LAGOON CAPACITY (MIGD): (.294) 1000 CUBIC METRES: 1.337 CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL - BATCH	110001364 3039	(.217) .986	29.10	28.69	91.40	90.12	0.75	0.74
WATERCOURSE: GAWNE DR TO MCGREGOR CK								
MIN								
RODNEY VILLAGE RODNEY LAGOON CAPACITY (MIGD): (.119) 1000 CUBIC METRES: .541 CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL - BATCH	110001667 1000	(.091) .415	22.10	9.17	74.90	31.08	0.94	0.39
WATERCOURSE: SIXTEEN MILE CK.								
MIN								
S DUMFRIES(ST GEORGE) ** TOWNSHIP ST GEORGE PV WPCP CAPACITY (MIGD): (.234) 1000 CUBIC METRES: 1.064 EXTENDED AERATION PHOSPHORUS REMOVAL-CONTINUOUS EFFLUENT POLISHING	110003415 500	(.086) .389	1.10	0.43	3.60	1.40	0.58	0.23
WATERCOURSE: FAIRCHILD CREEK (W. BR)								

BASIN - ERIE

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
DIRECT								
SARNIA CITY SARNIA WPCP CAPACITY (MIGD): (14.500) 1000 CUBIC METRES: 65.917 PRIMARY PHOSPHORUS REMOVAL-CONTINUOUS	120000907 61360	(12.144) 55.201	44.70	2,467.48	18.70	1,032.26	0.78	43.06
WATERCOURSE: ST. CLAIR RIVER								
MAJOR INDIRECT *MIN*								
SIMCOE TOWN SIMCOE WPCP CAPACITY (MIGD): (3.400) 1000 CUBIC METRES: 15.456 CONVENTIONAL ACTIVATED SLUDGE PHOSPHORUS REMOVAL-CONTINUOUS EFFLUENT POLISHING	** 110000677 11961	(2.042) 9.280	18.60	172.61	15.50	143.84	0.79	7.33
WATERCOURSE: LYNN RIVER								
DIRECT *MIN*								
SOMBRA (PORT LAMBTON) TOWNSHIP PORT LAMBTON LAGOON CAPACITY (MIGD): (.238) 1000 CUBIC METRES: 1.082 CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL - BATCH	110001694 1206	(.089) .403	2.60	1.05	5.60	2.26	0.59	0.24
WATERCOURSE: MARSHY CK.TO ST.CLAIR R.								

BASIN - ERIE

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT		POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
				NO 1984 DISCHARGE					
DIRECT	*MIN*								
SOMBRA (PORT SOMBRA) TOWNSHIP	110001685	569		0.00	0.00	0.00	0.00	0.00	0.00
SOMBRA LAGOON									
CAPACITY (MIGD):		(.213)	(.043)						
1000 CUBIC METRES:		.968	.197						
CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL - BATCH									
							WATERCOURSE: ST. CLAIR RIVER		
	MIN								
ST MARYS SEPARATED TOWN	110001275	4355		6.40	24.75	6.30	24.36	0.50	1.93
ST MARYS WPCP									
CAPACITY (MIGD):		(.800)	(.851)						
1000 CUBIC METRES:		3.637	3.867						
CONVENTIONAL ACTIVATED SLUDGE PHOSPHORUS REMOVAL-CONTINUOUS									
							WATERCOURSE: THAMES RIVER		
MAJOR INDIRECT									
ST. THOMAS CITY	120001112	27482		11.30	492.23	10.80	470.45	1.20	52.27
ST. THOMAS WPCP									
CAPACITY (MIGD):		(9.000)	(9.583)						
1000 CUBIC METRES:		40.914	43.560						
CONVENTIONAL ACTIVATED SLUDGE PHOSPHORUS REMOVAL-CONTINUOUS									
							WATERCOURSE: KETTLE CREEK		

BASIN - ERIE

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MAJOR INDIRECT *MIN*								
STRATFORD ** 110000702								
CITY	25806		15.50	343.33	2.40	53.16	0.56	12.40
STRATFORD WPCP								
CAPACITY (MIGD): (6.000)		(4.873)						
1000 CUBIC METRES: 27.276		22.150						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
EFFLUENT POLISHING								
WATERCOURSE: AVON RIVER								
MAJOR INDIRECT								
STRATHROY 120000827								
TOWN	8118		4.50	15.27	3.60	12.22	1.61	5.46
STRATHROY LAGOON								
CAPACITY (MIGD): (1.140)		(.747)						
1000 CUBIC METRES: 5.182		3.394						
AERATED LAGOON								
CONTINUOUS DISCHARGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: SYDENHAM RIVER								
MIN								
THAMESVILLE 110002470								
VILLAGE	905		15.80	2.81	18.40	3.28	1.43	0.25
THAMESVILLE WPCP								
CAPACITY (MIGD): (.180)		(.039)						
1000 CUBIC METRES: .818		.178						
EXTENDED AERATION								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: THAMES RIVER								

BASIN - ERIE

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
TILBURY 120000916 TOWN TILBURY LAGOON CAPACITY (MIGD): (.558) 1000 CUBIC METRES: 2.537 CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL-CONTINUOUS	4200	(.398) 1.810	9.52	17.23	213.12	385.75	2.48	4.49
WATERCOURSE: TILBURY CREEK								
MIN TILBURY N (STONEY POINT) 110002345 TOWNSHIP STONEY POINT P.V. LAGOON CAPACITY (MIGD): (.211) 1000 CUBIC METRES: .959 CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL - BATCH	935	(.163) .741	8.40	6.22	14.50	10.74	0.67	0.50
WATERCOURSE: LITTLE CREEK								
MIN TILBURY WEST (COMBER) 110001676 TOWNSHIP COMBER LAGOON CAPACITY (MIGD): (.089) 1000 CUBIC METRES: .405 CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL - BATCH	644	(.059) .266	3.80	1.01	10.50	2.79	0.52	0.14
WATERCOURSE: GOVN'T DR NO.1 TO BIG CK								

BASIN - ERIE

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MAJOR INDIRECT *MIN*								
TILLSONBURG TOWN 110000757	9519		2.50	13.26	5.90	31.30	0.40	2.12
TILLSONBURG WPCP								
CAPACITY (MIGD): (1.800)		(1.167)						
1000 CUBIC METRES: 8.183		5.305						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: BIG OTTER CREEK								
MAJOR INDIRECT *MIN*								
WALLACEBURG TOWN 110000784	8500		8.00	43.84	7.40	40.55	0.66	3.62
WALLACEBURG WPCP								
CAPACITY (MIGD): (1.500)		(1.206)						
1000 CUBIC METRES: 6.819		5.480						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: SYDENHAM RIVER								
MAJOR INDIRECT *MIN*								
WATERLOO CITY 110000793	54157		12.70	528.32	10.40	432.64	[illegible]	40.77
WATERLOO WPCP								
CAPACITY (MIGD): (10.000)		(9.152)						
1000 CUBIC METRES: 45.460		41.600						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: GRAND RIVER								

BASIN - ERIE

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MIN			NO 1984 DISCHARGE					
WATFORD VILLAGE	110001809							
WATFORD LAGOON	1434		0.00	0.00	0.00	0.00	0.00	0.00
CAPACITY (MIGD):	(.231)	(.106)						
1000 CUBIC METRES:	1.050	.483						
CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL - BATCH								
					WATERCOURSE: BEAR CREEK			
MIN								
WELLESLEY TOWNSHIP	110001578							
WELLESLEY WPCP	926		5.30	2.46	12.30	5.72	0.87	0.40
CAPACITY (MIGD):	(.110)	(.102)						
1000 CUBIC METRES:	.500	.465						
EXTENDED AERATION PHOSPHORUS REMOVAL-CONTINUOUS								
					WATERCOURSE: NITH RIVER			
MIN								
WEST LORNE VILLAGE	110001337							
WEST LORNE LAGOON	1207		9.70	5.27	87.60	47.57	0.42	0.23
CAPACITY (MIGD):	(.149)	(.119)						
1000 CUBIC METRES:	.677	.543						
CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL - BATCH								
					WATERCOURSE: ZOLLER DRAIN			

BASIN - ERIE

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MIN								
WESTMINSTER 110000800								
TOWNSHIP	4000		11.60	17.66	13.70	20.85	0.78	1.19
WESTMINSTER WPCP								
CAPACITY (MIGD): (.250)		(.335)						
1000 CUBIC METRES: 1.137		1.522						
EXTENDED AERATION								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: DINGMAN CREEK								
WESTMINSTER (SOUTHLAND) 120000818								
TOWNSHIP	540		11.60	32.48	13.70	38.36	0.78	2.18
SOUTHLAND PARK WPCP(MIN.12.4.85)								
CAPACITY (MIGD): (.058)		(.616)						
1000 CUBIC METRES: .264		2.800						
EXTENDED AERATION								
PHOSPHORUS REMOVAL-CONTINUOUS								
PHOSPHORUS REMOVAL REQUIRED								
WATERCOURSE: DINGMAN CREEK								
MIN			PLANT START-UP NOV. 1984 NO SAMPLES COLLECTED					
WHEATLY 110003246								
VILLAGE	1344		0.00	0.00	0.00	0.00	0.00	0.00
ROMNEY WPCP								
CAPACITY (MIGD): (.605)		(.000)						
1000 CUBIC METRES: 2.750		.000						
EXTENDED AERATION								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: LAKE ERIE								

BASIN - ERIE

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MIN								
WILMOT (BADEN) 110001710								
TOWNSHIP	1016		14.20	8.19	10.50	6.06	0.97	0.56
BADEN WPCP								
CAPACITY (MIGD): (.203)		(.127)						
1000 CUBIC METRES: .923		.577						
EXTENDED AERATION								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: BADEN CREEK								
MIN								
WILMOT (NEW HAMBURG) ** 110000506								
TOWNSHIP	3787		3.80	5.84	5.10	7.84	0.91	1.40
NEW HAMBURG LAGOON								
CAPACITY (MIGD): (.600)		(.338)						
1000 CUBIC METRES: 2.728		1.538						
AERATED CELL PLUS LAGOON								
PHOSPHORUS REMOVAL-CONTINUOUS								
EFFLUENT POLISHING								
WATERCOURSE: NITH RIVER								
DIRECT								
WINDSOR (LITTLE) 120001096								
CITY	64000		4.70	148.56	9.90	312.92	1.21	38.25
LTTLE RIVER WPCP								
CAPACITY (MIGD): (8.000)		(6.954)						
1000 CUBIC METRES: 36.368		31.608						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: LITTLE RIVER								

BASIN - ERIE

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
DIRECT								
WINDSOR (WESTERLY) 120001103								
CITY	123000		24.50	2,463.79	20.50	2,061.54	0.72	72.41
WESTERLY WPCP								
CAPACITY (MIGD): (36.000)		(22.124)						
1000 CUBIC METRES: 163.656		100.563						
PRIMARY								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: DETROIT RIVER								
MAJOR INDIRECT								
WOODSTOCK 120000685								
CITY	26500		9.50	201.21	20.10	425.72	0.94	19.91
WOODSTOCK WPCP								
CAPACITY (MIGD): (8.000)		(4.660)						
1000 CUBIC METRES: 36.368		21.180						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: THAMES RIVER								
MIN								
WOOLWICH (ELMIRA) 110000150								
TOWNSHIP	6872		26.90	110.94	63.80	263.11	2.72	11.22
ELMIRA WPCP (COMBINED FLOW)								
CAPACITY (MIGD): (.680)		(.907)						
1000 CUBIC METRES: 3.091		4.124						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: CANAGAGIGUE CREEK								

BASIN - ERIE

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MIN								
WOOLWICH (ST.JACOBS) 110001211								
TOWNSHIP	1174		6.90	6.43	27.90	26.00	0.78	0.73
ST.JACOBS PV WPCP								
CAPACITY (MIGD): (.210)		(.205)						
1000 CUBIC METRES: .955		.932						
OXIDATION DITCH								
PHOSPHORUS REMOVAL-CONTINUOUS								

WATERCOURSE: CONESTOGO RIVER

	BOD LOADING (KG/D)	SS LOADING (KG/D)	T. PHOS LOADING (KG/D)
(DIRECT) TOTAL :	5,589.39	3,909.36	195.03
(MAJOR INDIRECT) TOTAL :	4,893.19	5,187.43	469.99

BASIN - ONTARIO

PRELIMINARY 198[illegible] DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MIN								
ANSON HINDON MINDEN TOWNSHIP 110002390	683		1.20	0.75	3.00	1.88	0.51	0.32
MINDEN MUN.WPCP								
CAPACITY (MIGD): (.208)		(.138)						
1000 CUBIC METRES: .946		.627						
EXTENDED AERATION								
PHOSPHORUS REMOVAL-CONTINUOUS								
EFFLUENT POLISHING								
WATERCOURSE: GULL RIVER								
DIRECT								
BATH VILLAGE 120000177	1500		5.70	4.99	12.30	10.76	3.35	2.93
BATH WPCP								
CAPACITY (MIGD): (.256)		(.193)						
1000 CUBIC METRES: 1.164		.875						
EXTENDED AERATION								
WATERCOURSE: LAKE ONTARIO								
DIRECT *MIN*								
BELLEVILLE CITY 110000016	35351		34.20	1,578.88	24.50	1,131.07	1.01	46.63
BELLEVILLE WPCP (163500 M3/D.PRIMARY)								
CAPACITY (MIGD): (12.000)		(10.157)						
1000 CUBIC METRES: 54.552		46.166						
CONVENTIONAL ACTIVATED SLUDGE								
PRIMARY								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: BAY OF QUINTE								

BASIN - ONTARIO

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
BICROFT (CARDIFF) 120001032								
TOWNSHIP	741		0.00	0.00	0.00	0.00	0.00	0.00
CARDIFF LAGOON								
CAPACITY (MIGD): (.100)		(.074)						
1000 CUBIC METRES: .455		.336						
EXFILTRATION LAGOON								
WATERCOURSE: NO DISC.TO SURFACE WATER								
MIN								
BOBCAYGEON 110002498								
VILLAGE	1609		3.00	2.27	8.40	6.36	0.22	0.17
BOBCAYGEON WPCP								
CAPACITY (MIGD): (.672)		(.167)						
1000 CUBIC METRES: 3.055		.757						
EXTENDED AERATION								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: BOBCAYGEON RIVER								
MAJOR INDIRECT								
BRIGHTON 110000953								
TOWN	3535		6.70	15.67	9.60	22.45	0.93	2.18
BRIGHTON LAGOON								
CAPACITY (MIGD): (.850)		(.515)						
1000 CUBIC METRES: 3.864		2.339						
AERATED CELL PLUS LAGOON								
CONTINUOUS DISCHARGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: PUTLER CREEK								

BASIN - ONTARIO

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
DIRECT								
BURLINGTON (SKYWAY) 110000070								
CITY	120100		9.10	797.67	7.00	613.59	0.71	62.24
SKYWAY WPCP								
CAPACITY (MIGD): (20.500)		(19.284)						
1000 CUBIC METRES: 93.193		87.656						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: HAMILTON HARBOUR								
MAJOR INDIRECT								
CALEDON (BOLTON) ** 120000694								
TOWN	7939		4.90	17.25	3.90	13.73	0.55	1.94
BOLTON WPCP (GOING OUT OF SERV.END 1985)								
CAPACITY (MIGD): (1.000)		(.774)						
1000 CUBIC METRES: 4.546		3.520						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
EFFLUENT POLISHING								
WATERCOURSE: HUMBER RIVER								
MAJOR INDIRECT *MIN*								
CAMPBELLFORD 110000962								
TOWN	3330		5.40	38.49	4.60	32.79	0.69	4.92
CAMPBELLFORD WPCP								
CAPACITY (MIGD): (1.300)		(1.568)						
1000 CUBIC METRES: 5.910		7.128						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: TRENT RIVER								

BASIN - ONTARIO

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MAJOR INDIRECT								
COBOURG (1) 120000097								
TOWN	6000		10.60	137.80	11.50	149.50	0.66	8.58
COBOURG WPCP NO 1								
CAPACITY (MIGD): (3.530)		(2.860)						
1000 CUBIC METRES: 16.047		13.000						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: COBOURG BROOK								
DIRECT								
COBOURG (2) 120003192								
TOWN	5500		14.60	55.83	9.80	37.48	2.57	9.83
COBOURG WPCP NO 2								
CAPACITY (MIGD): (1.290)		(.841)						
1000 CUBIC METRES: 5.864		3.824						
EXTENDED AERATION								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: LAKE ONTARIO								
CRAMAHE (COLBORNE) ** 120000088								
TOWNSHIP	1770		3.00	3.98	5.00	6.63	0.94	1.25
COLBORNE WPCP								
CAPACITY (MIGD): (.302)		(.292)						
1000 CUBIC METRES: 1.373		1.326						
EXTENDED AERATION								
PHOSPHORUS REMOVAL-CONTINUOUS								
EFFLUENT FILTRATION								
WATERCOURSE: COLBORNE CREEK								

BASIN - ONTARIO

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER / EXISTING CAPACITY / AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
			NO 1984 SAMPLES COLLECTED					
DELORO VILLAGE 120000970	231		0.00	0.00	0.00	0.00	0.00	0.00
DELORO WPCP								
CAPACITY (MIGD): (.008)		(.001)						
1000 CUBIC METRES: .036		.005						
COMMUNAL SEPTIC TANK								
WATERCOURSE: MOIRA RIVER								
DIRECT *MIN*								
DESERONTO TOWN 110000980	1732		22.00	17.60	22.00	17.60	0.72	0.58
DESERONTO WPCP								
CAPACITY (MIGD): (.300)		(.176)						
1000 CUBIC METRES: 1.364		.800						
EXTENDED AERATION								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: BAY OF QUINTE								
MAJOR INDIRECT								
DUNDAS TOWN ** 120001372	19501		7.90	100.87	7.50	95.76	0.77	9.83
DUNDAS KING ST.WPCP								
CAPACITY (MIGD): (4.000)		(2.809)						
1000 CUBIC METRES: 18.184		12.768						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
EFFLUENT POLISHING								
WATERCOURSE: COOTES PARADISE								

BASIN - ONTARIO

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
DYSART-ET-AL (HALIBURT** 110001603 TOWNSHIP HALIBURTON WPCP CAPACITY (MIGD): (.210) 1000 CUBIC METRES: .955 EXTENDED AERATION PHOSPHORUS REMOVAL-CONTINUOUS EFFLUENT POLISHING	875	(.043) .197	1.40	0.28	5.50	1.08	0.92	0.18
WATERCOURSE: DRAG R. TO GRASS LAKE								
DIRECT *MIN* ERNESTOWN (AMHERSTVIEW) 110000196 TOWNSHIP AMHERSTVIEW LAGOON CAPACITY (MIGD): (.526) 1000 CUBIC METRES: 2.391 CONVENTIONAL LAGOON SEASONAL	6772	(.575) 2.615	30.90	80.80	60.40	157.95	3.93	10.28
WATERCOURSE: COLLINS CR. N.CHANNEL								
MIN ERNESTOWN (ODESA) 110002041 TOWNSHIP ODESSA WPCP CAPACITY (MIGD): (.200) 1000 CUBIC METRES: .909 EXTENDED AERATION PHOSPHORUS REMOVAL-CONTINUOUS	973	(.276) 1.254	2.70	3.39	8.20	10.28	0.94	1.18
WATERCOURSE: MILLHAVEN CREEK								

BASIN - ONTARIO

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
DIRECT								
GRIMSBY (BIGGAR) 120001256								
TOWN	1075		9.20	11.02	17.50	20.97	2.38	2.85
BIGGAR LAGOON								
CAPACITY (MIGD): (.250)		(.264)						
1000 CUBIC METRES: 1.137		1.198						
AERATED CELL PLUS LAGOON								
WATERCOURSE: LAKE ONTARIO								
MAJOR INDIRECT								
HALTON HILLS (ACTON) ** 120001023								
TOWN	7478		4.50	15.31	4.80	16.33	0.54	1.84
ACTON WPCP + LAGOON								
CAPACITY (MIGD): (1.000)		(.748)						
1000 CUBIC METRES: 4.546		3.402						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL - BATCH								
EFFLUENT POLISHING								
WATERCOURSE: BLACK CREEK								
MAJOR INDIRECT								
HALTON HILLS (GEORGT.)** 110000294								
TOWN	20100		13.90	138.61	5.90	58.83	1.16	11.57
GEORGETOWN WPCP								
CAPACITY (MIGD): (3.000)		(2.194)						
1000 CUBIC METRES: 13.638		9.972						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
EFFLUENT POLISHING								
WATERCOURSE: SILVER CREEK								

BASIN - ONTARIO

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
DIRECT								
HAMILTON (WOODWARD) 120001504 CITY WOODWARD AVE.WPCP (P.REM WITHOUT CHEM) CAPACITY (MIGD): (90.000) 1000 CUBIC METRES: 409.140 CONVENTIONAL ACTIVATED SLUDGE	300000	(71.165) 323.476	19.30	6,243.09	19.20	6,210.74	1.26	407.58
WATERCOURSE: REDHILL CREEK								
MINN								
HASTINGS 110001827 VILLAGE HASTINGS WPCP CAPACITY (MIGD): (.233) 1000 CUBIC METRES: 1.059 OXIDATION DITCH PHOSPHORUS REMOVAL-CONTINUOUS	962	(.129) .588	4.50	2.65	9.40	5.53	0.58	0.34
WATERCOURSE: TRENT RIVER								
MINN								
HAVELOCK 110001765 VILLAGE HAVELOCK LAGOON CAPACITY (MIGD): (.128) 1000 CUBIC METRES: .582 CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL - BATCH	1337	(.153) .697	10.47	7.30	15.48	10.79	0.58	0.40
WATERCOURSE: PLATO CREEK								

BASIN - ONTARIO

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / MCRASNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
DIRECT *MIN*								
KINGSTON 110000365								
TOWNSHIP	18700		10.80	168.21	9.10	141.73	0.91	14.17
KINGSTON WPCP								
CAPACITY (MIGD): (5.500)		(3.427)						
1000 CUBIC METRES: 25.003		15.575						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: LAKE ONTARIO								
LAKEFIELD 110001462								
VILLAGE	2300		17.90	23.32	28.10	36.61	1.08	1.41
LAKEFIELD LAGOON								
CAPACITY (MIGD): (.350)		(.287)						
1000 CUBIC METRES: 1.591		1.303						
CONVENTIONAL LAGOON SEASONAL								
PHOSPHORUS REMOVAL - BATCH								
WATERCOURSE: OTONABEE RIVER								
MAJOR INDIRECT								
LINDSAY 110000383								
TOWN	13950		9.69	125.12	11.00	142.03	0.43	5.55
LINDSAY LAGOON								
CAPACITY (MIGD): (3.780)		(2.841)						
1000 CUBIC METRES: 17.184		12.912						
CONVENTIONAL LAGOON CONTINUOUS								
AERATED CELL								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: SCUGOG RIVER								

BASIN - ONTARIO

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MIN								
MADOC 110001051								
VILLAGE	850		9.50	7.34	22.50	17.39	0.60	0.46
MADOC LAGOON								
CAPACITY (MIGD): (.300)		(.170)						
1000 CUBIC METRES: 1.364		.773						
CONVENTIONAL LAGOON SEASONAL								
PHOSPHORUS REMOVAL - BATCH								
WATERCOURSE: DEER CREEK TO MOIRA LAKE								
MIN								
MARMORA 110001863								
VILLAGE	1067		4.70	4.07	8.00	6.93	0.75	0.65
MARMORA WPCP								
CAPACITY (MIGD): (.191)		(.191)						
1000 CUBIC METRES: .868		.866						
EXTENDED AERATION								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: CROWE RIVER								
DIRECT								
METRO TORONTO(HIGHLAND) 120000373								
CITY	310000		33.90	5,318.64	24.50	3,843.85	0.90	141.20
HIGHLAND CREEK WPCP (SCARBOROUGH)								
CAPACITY (MIGD): (48.000)		(34.516)						
1000 CUBIC METRES: 218.208		156.892						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: HIGHLAND CREEK								

BASIN - ONTARIO

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
DIRECT								
METRO TORONTO(HUMBER) 120000382								
CITY	540000		12.60	4,278.33	26.20	8,896.21	1.43	485.56
HUMBER WPCP (ETOBICOKE)								
CAPACITY (MIGD): (90.000)		(74.701)						
1000 CUBIC METRES: 409.140		339.550						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: LAKE ONTARIO								
DIRECT								
METRO TORONTO(MAIN) 120000391								
CITY	1200000		19.30	13,070.93	11.90	8,059.28	0.96	650.16
MAIN WPCP (TORONTO)								
CAPACITY (MIGD): (180.000)		(148.995)						
1000 CUBIC METRES: 818.280		677.250						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: LAKE ONTARIO								
MAJOR INDIRECT								
METRO TORONTO(N.TORONTO) 120000364								
CITY	170000		12.75	456.13	7.60	271.89	0.84	30.05
NORTH TORONTO WPCP (EAST YORK)								
CAPACITY (MIGD): (10.000)		(7.871)						
1000 CUBIC METRES: 45.460		35.775						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: DON RIVER								

BASIN - ONTARIO

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MIN								
MILLBROOK 110002238								
VILLAGE	790		3.60	3.05	8.50	7.21	0.22	0.19
MILLBROOK WPCP								
CAPACITY (MIGD): (.250)		(.187)						
1000 CUBIC METRES: 1.137		.848						
EXTENDED AERATION								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: BAXTER CREEK								
MAJOR INDIRECT								
MILTON ** 120001014								
TOWN	23203		8.10	80.27	2.80	27.75	0.36	3.57
MILTON WPCP								
CAPACITY (MIGD): (2.840)		(2.180)						
1000 CUBIC METRES: 12.911		9.910						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
EFFLUENT POLISHING								
WATERCOURSE: OAKVILLE CREEK								
DIRECT *MIN*								
MISSISSAUGA (CLARKSON) 110001328								
CITY	120000		8.10	609.85	8.10	609.85	0.89	67.01
CLARKSON WPCP SOUTH-PEEL SYSTEM								
CAPACITY (MIGD): (24.000)		(16.564)						
1000 CUBIC METRES: 109.104		75.290						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: LAKE ONTARIO								

BASIN - ONTARIO

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
DIRECT *MIN*								
MISSISSAUGA (LAKEVIEW) 110001284								
CITY	370000		18.70	3,717.56	18.90	3,757.32	0.85	168.98
LAKEVIEW WPCP SOUTH-PEEL SYSTEM								
CAPACITY (MIGD): (62.500)		(43.736)						
1000 CUBIC METRES: 284.125		198.800						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: LAKE ONTARIO								
MAJOR INDIRECT								
NAPANEE 120000186								
TOWN	7500		7.70	46.65	11.80	71.50	2.45	14.84
NAPANEE WPCP								
CAPACITY (MIGD): (2.000)		(1.333)						
1000 CUBIC METRES: 9.092		6.059						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: NAPANEE RIVER								
DIRECT								
NEWCASTLE (GRAHAM CREEK) 110001569								
TOWN	1866		2.40	2.11	5.70	5.02	3.95	3.48
GRAHAM CREEK WPCP (NEWCASTLE)								
CAPACITY (MIGD): (.400)		(.194)						
1000 CUBIC METRES: 1.818		.880						
EXTENDED AERATION								
WATERCOURSE: LAKE ONTARIO								

BASIN - ONTARIO

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
NEWCASTLE (SOPER CR.1) 120000060								
TOWN	6400		0.96	1.17	0.92	1.12	0.95	1.15
SOPER CREEK 1 WPCP STANDBY (BOWMANVILLE)								
CAPACITY (MIGD): (.500)		(.267)						
1000 CUBIC METRES: 2.273		1.214						
TRICKLING FILTER								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: SOPER CREEK								
MAJOR INDIRECT								
NEWCASTLE (SOPER CR.2) 120000051								
TOWN	6431		0.95	3.50	0.92	3.35	0.95	3.46
SOPER CREEK 2 WPCP STANDBY (BOWMANVILLE)								
CAPACITY (MIGD): (1.000)		(.801)						
1000 CUBIC METRES: 4.546		3.641						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: SOPER CREEK								
DIRECT								
NEWCASTLE(PORT DARLINGT) 120003076								
TOWN	12831		24.30	155.88	17.00	109.06	1.83	11.74
PORT DARLINGTON WPCP								
CAPACITY (MIGD): (1.000)		(1.411)						
1000 CUBIC METRES: 4.546		6.415						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: LAKE ONTARIO								

BASIN - ONTARIO

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
DIRECT								
NIAGARA FALLS (STAMFORD) 120001363								
CITY	67835		34.30	1,967.11	29.50	1,691.83	0.62	35.56
STAMFORD WPCP								
CAPACITY (MIGD): (12.800)		(12.617)						
1000 CUBIC METRES: 58.189		57.350						
PRIMARY								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: CHIPPAWA POWER CANAL								
NIAGARA-ON-THE-LAKE(GAR) 120003236								
TOWN	150		11.50	0.21	17.00	0.31	1.80	0.03
GARDEN CITY RACEWAY LAGOON								
CAPACITY (MIGD): (.140)		(.004)						
1000 CUBIC METRES: .636		.018						
CONVENTIONAL LAGOON SEASONAL								
WATERCOURSE: DITCH TO SIX MILE CREEK								
DIRECT								
NIAGARA-ON-THE-LAKE(NIA) 120001238								
TOWN	5210		7.80	27.07	11.80	40.96	2.94	10.20
NIAGARA-ON-THE-LAKE LAGOON								
CAPACITY (MIGD): (.845)		(.764)						
1000 CUBIC METRES: 3.841		3.471						
AERATED CELL PLUS LAGOON								
WATERCOURSE: LAKE ONTARIO								

BASIN - ONTARIO

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MIN								
NORWOOD VILLAGE	110001499							
NORWOOD WPCP	1064		4.00	2.22	8.20	4.56	0.80	0.44
CAPACITY (MIGD): (.160)		(.122)						
1000 CUBIC METRES: .727		.556						
OXIDATION DITCH								
PHOSPHORUS REMOVAL-CONTINUOUS								
						WATERCOURSE: OUSE RIVER		
DIRECT								
OAKVILLE (SE) TOWN	120000998							
SOUTH EAST WPCP	21900		3.90	48.72	7.20	89.95	0.87	10.87
CAPACITY (MIGD): (5.000)		(2.748)						
1000 CUBIC METRES: 22.730		12.493						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
						WATERCOURSE: LAKE ONTARIO		
DIRECT								
OAKVILLE (SW) TOWN	120001005							
SOUTH WEST WPCP	58200		12.30	305.41	13.30	330.24	0.92	22.84
CAPACITY (MIGD): (10.500)		(5.463)						
1000 CUBIC METRES: 47.733		24.830						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
						WATERCOURSE: LAKE ONTARIO		

BASIN - ONTARIO

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MIN								
OMEMEE 110001630								
VILLAGE	658		0.00	0.00	0.00	0.00	0.00	0.00
OMEMEE LAGOON								
CAPACITY (MIGD): (.135)		(.059)						
1000 CUBIC METRES: .614		.270						
LAGOON AND SPRAY								
WATERCOURSE: NO DISC.TO SURFACE WATER								
MAJOR INDIRECT *MIN*								
ORANGEVILLE ** 110000542								
TOWN	14000		6.20	45.50	5.20	38.16	0.35	2.57
ORANGEVILLE WPCP								
CAPACITY (MIGD): (3.200)		(1.614)						
1000 CUBIC METRES: 14.547		7.338						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
EFFLUENT POLISHING								
WATERCOURSE: CREDIT RIVER								
DIRECT								
OSHAWA 120003254								
CITY	0		12.80	664.46	18.00	934.40	1.02	52.95
HARMONY CREEK 1&2 COMBINED EFFLUENT								
CAPACITY (MIGD): (#####)		(11.420)						
1000 CUBIC METRES: .066		51.911						
CONVENTIONAL ACTIVATED SLUDGE								
TRICKLING FILTER								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: L ONT.(COMBINED EFF.1&2)								

BASIN - ONTARIO

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
DIRECT								
OSHAWA (HARMONY CR.1) 120000774								
CITY	102938		0.00	0.00	0.00	0.00	0.00	0.00
HARMONY CR WPCP NO 1								
CAPACITY (MIGD): (7.500)		(5.697)						
1000 CUBIC METRES: 34.095		25.896						
TRICKLING FILTER								
PHOSPHORUS REMOVAL-CONTINUOUS								
						WATERCOURSE:		
DIRECT								
OSHAWA (HARMONY CR.2) 120001657								
CITY	51469		0.00	0.00	0.00	0.00	0.00	0.00
HARMONY CR WPCP NO 2								
CAPACITY (MIGD): (7.500)		(5.865)						
1000 CUBIC METRES: 34.095		26.660						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
						WATERCOURSE:		
MAJOR INDIRECT								
PETERBOROUGH 120000676								
CITY	61063		12.20	666.06	6.00	327.57	0.80	43.68
PETERBOROUGH WPCP								
CAPACITY (MIGD): (15.000)		(12.011)						
1000 CUBIC METRES: 68.190		54.595						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
						WATERCOURSE: OTONABEE RIVER		

BASIN - ONTARIO

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
DIRECT								
PICKERING (DUFFIN CREEK) 120001915								
TOWN	64386		12.80	1,550.49	15.90	1,926.00	0.97	117.50
DUFFIN CREEK WPCP (YORK-DURHAM)								
CAPACITY (MIGD): (40.000)		(26.649)						
1000 CUBIC METRES: 181.840		121.132						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: LAKE ONTARIO								
DIRECT								
PICTON 120000667								
TOWN	4500		7.20	22.71	9.40	29.65	0.68	2.14
PICTON WPCP								
CAPACITY (MIGD): (1.000)		(.694)						
1000 CUBIC METRES: 4.546		3.154						
CONTACT STABILIZATION								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: PICTON BAY								
MAJOR INDIRECT								
PORT COLBORNE (SEAWAY) 120001906								
CITY	15825		10.80	153.37	14.90	211.59	1.16	16.47
SEAWAY WPCP								
CAPACITY (MIGD): (3.300)		(3.124)						
1000 CUBIC METRES: 15.002		14.201						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: WELLAND CANAL								

BASIN - ONTARIO

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
NO 1984 SAMPLES COLLECTED								
MAJOR INDIRECT								
PORT COLBORNE (WEST PL.) 120001336								
CITY	10800		0.00	0.00	0.00	0.00	0.00	0.00
WEST PLANT (EXCESS Q FROM SEAWAY ONLY)								
CAPACITY (MIGD): (1.350)		(.070)						
1000 CUBIC METRES: 6.137		.318						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: WELLAND CANAL								
DIRECT								
PORT HOPE 120000079								
TOWN	10274		5.40	45.24	5.70	47.75	0.53	4.44
PORT HOPE WPCP								
CAPACITY (MIGD): (2.000)		(1.843)						
1000 CUBIC METRES: 9.092		8.377						
HIGH RATE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: LAKE ONTARIO								
SCUGOG (NONQUON RIVER) 110001257								
TOWNSHIP	5215		5.80	11.87	9.80	20.05	0.24	0.49
NONQUON RIVER LAGOON (PORT PERRY)								
CAPACITY (MIGD): (.700)		(.450)						
1000 CUBIC METRES: 3.182		2.046						
CONVENTIONAL LAGOON SEASONAL								
PHOSPHORUS REMOVAL-CONTINUOUS								
EFFLUENT CHLORINATION								
WATERCOURSE: LAKE SCUGOG								

BASIN - ONTARIO

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MIN								
SIDNEY (BATAWA) 110000668 TOWNSHIP	300		5.80	6.53	7.40	8.33	0.88	0.99
BATAWA WPCP CAPACITY (MIGD): (.125) 1000 CUBIC METRES: .568 CONVENTIONAL ACTIVATED SLUDGE PHOSPHORUS REMOVAL-CONTINUOUS		(.248) 1.125						
WATERCOURSE: TRENT RIVER								
MIN								
SMITH (WOODLAND ACRES) 110002381 TOWNSHIP	430		3.50	1.05	6.50	1.95	1.63	0.49
WOODLAND ACRES WPCP CAPACITY (MIGD): (.080) 1000 CUBIC METRES: .364 EXTENDED AERATION		(.066) .300						
WATERCOURSE: OTONABEE R.								
DIRECT								
ST.CATHARINES (P.DALH.) 120001327 CITY	60430		7.20	235.17	7.50	244.97	0.57	18.62
PORT DALHOUSIE WPCP CAPACITY (MIGD): (13.500) 1000 CUBIC METRES: 61.371 CONVENTIONAL ACTIVATED SLUDGE PHOSPHORUS REMOVAL-CONTINUOUS		(7.186) 32.663						
WATERCOURSE: LAKE ONTARIO								

BASIN - ONTARIO

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
DIRECT								
ST.CATHARINES (P.WELLER) 120001318								
CITY	75690		12.60	460.72	13.10	479.00	0.60	21.94
PORT WELLER WPCP								
CAPACITY (MIGD): (37.500)		(8.044)						
1000 CUBIC METRES: 170.475		36.565						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: PORT WELLER HARBOUR								
MIN			NO 1984 SAMPLES COLLECTED					
STIRLING 110000686								
VILLAGE	1700		0.00	0.00	0.00	0.00	0.00	0.00
STIRLING LAGOON								
CAPACITY (MIGD): (.250)		(.193)						
1000 CUBIC METRES: 1.137		.878						
CONVENTIONAL LAGOON SEASONAL								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: RAWDON CREEK								
DIRECT								
STONEY CREEK (BARTLETS) 120003067								
CITY	170		21.00	2.06	27.20	2.67	3.64	0.36
BARTLETTS LAGOON								
CAPACITY (MIGD): (.020)		(.022)						
1000 CUBIC METRES: .091		.098						
CONVENTIONAL LAGOON SEASONAL								
WATERCOURSE: LAKE ONTARIO								

BASIN - ONTARIO

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
DIRECT *MIN*								
TRENTON 110000775								
CITY	15346		13.60	148.99	11.30	123.79	0.52	5.70
TRENTON WPCP								
CAPACITY (MIGD): (3.500)		(2.410)						
1000 CUBIC METRES: 15.911		10.955						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: BAY OF QUINTE								
DIRECT								
TRENTON 130000014								
CITY	5820		5.82	27.44	4.75	22.39	0.30	1.41
CFB TRENTON WPCP (DND)								
CAPACITY (MIGD): (5.455)		(1.037)						
1000 CUBIC METRES: 24.798		4.714						
EXTENDED AERATION								
WATERCOURSE: BAY OF QUINTE								
MIN								
TWEED 120000952								
VILLAGE	1629		8.10	12.71	12.20	19.14	0.56	0.88
TWEED LAGOON								
CAPACITY (MIGD): (.266)		(.345)						
1000 CUBIC METRES: 1.209		1.569						
CONVENTIONAL LAGOON SEASONAL								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: MOIRA RIVER								

BASIN - ONTARIO

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT		POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
VAUGHAN (KLEINBURG)	120000417								
TOWN		900		12.40	2.52	18.10	3.67	4.83	0.98
KLEINBURG WPCP									
CAPACITY (MIGD):	(.050)		(.045)						
1000 CUBIC METRES:	.227		.203						
EXTENDED AERATION									
							WATERCOURSE: HUMBER RIVER		
MAJOR INDIRECT									
WELLAND	120001309								
CITY		47205		13.50	539.35	13.40	535.36	0.39	15.58
WELLAND WPCP									
CAPACITY (MIGD):	(10.000)		(8.789)						
1000 CUBIC METRES:	45.460		39.952						
CONVENTIONAL ACTIVATED SLUDGE									
PHOSPHORUS REMOVAL-CONTINUOUS									
							WATERCOURSE: WELLAND RIVER		
DIRECT									
WELLINGTON	120003165								
VILLAGE		1077		2.00	0.88	3.70	1.63	0.57	0.25
WELLINGTON WPCP									
CAPACITY (MIGD):	(.330)		(.097)						
1000 CUBIC METRES:	1.500		.440						
EXTENDED AERATION									
PHOSPHORUS REMOVAL-CONTINUOUS									
							WATERCOURSE: LAKE ONTARIO		

BASIN - ONTARIO

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
WEST LINCOLN (SMITHVILLE 120001229								
TOWNSHIP	1980		28.20	27.66	24.00	23.54	2.80	2.75
SMITHVILLE LAGOON								
CAPACITY (MIGD): (.344)		(.216)						
1000 CUBIC METRES: 1.564		.981						
CONVENTIONAL LAGOON SEASONAL								
WATERCOURSE: TWENTY MILE CREEK								
DIRECT								
WHITBY (CORBETT CREEK) 120000738								
TOWN	26100		24.90	272.36	19.70	215.48	0.85	9.30
CORBETT CREEK WPCP								
CAPACITY (MIGD): (8.000)		(2.406)						
1000 CUBIC METRES: 36.368		10.938						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: LAKE ONTARIO								
MAJOR INDIRECT								
WHITBY (PRINGLE CREEK 1) 120000747								
TOWN	10925		20.10	121.24	14.40	86.86	0.90	5.43
PRINGLE CREEK WPCP NO 1								
CAPACITY (MIGD): (1.250)		(1.327)						
1000 CUBIC METRES: 5.683		6.032						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: PRINGLE CREEK								

BASIN - ONTARIO

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MAJOR INDIRECT								
WHITBY (PRINGLE CREEK 2) 120003101								
TOWN	10925		23.10	145.62	18.80	118.52	1.09	6.87
PRINGLE CREEK WPCP NO 2								
CAPACITY (MIGD): (2.000)		(1.387)						
1000 CUBIC METRES: 9.092		6.304						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
						WATERCOURSE: PRINGLE CREEK		
MAJOR INDIRECT								
WHITCHURCH(STOUFFVILLE** 120000408								
TOWN	5500		18.10	52.25	11.20	32.33	0.57	1.65
STOUFFVILLE WPCP								
CAPACITY (MIGD): (.850)		(.635)						
1000 CUBIC METRES: 3.864		2.887						
CONVENTIONAL ACTIVATED SLUDGE								
PHOSPHORUS REMOVAL-CONTINUOUS								
EFFLUENT POLISHING								
						WATERCOURSE: DUFFIN CREEK		
(DIRECT) TOTAL :				42,292.89		40,166.06		2,417.72
(MAJOR INDIRECT) TOTAL :				2,699.64		2,142.98		174.60

BASIN - ST. LAWRENCE

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
DIRECT								
BROCKVILLE 120000122								
CITY	20169		25.50	375.08	21.30	313.30	1.00	14.71
BROCKVILLE WPCP								
CAPACITY (MIGD): (5.625)		(3.236)						
1000 CUBIC METRES: 25.571		14.709						
PRIMARY								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: ST.LAWRENCE RIVER								
DIRECT *MIN*								
CORNWALL (CORNWALL) 110000132								
CITY	46800		45.50	2,208.71	23.60	1,145.61	0.98	47.57
CORNWALL WPCP								
CAPACITY (MIGD): (8.250)		(10.679)						
1000 CUBIC METRES: 37.505		48.543						
PRIMARY								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: ST. LAWRENCE RIVER								
DIRECT								
CORNWALL (LONG SAULT) 110000131								
TOWNSHIP	1300		15.00	11.49	20.00	15.32	1.40	1.07
LONG SAULT WPCP								
CAPACITY (MIGD): (.300)		(.169)						
1000 CUBIC METRES: 1.364		.766						
CONVENTIONAL ACTIVATED SLUDGE								
WATERCOURSE: ST.LAWRENCE RIVER								

BASIN - ST. LAWRENCE

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
GANANOQUE 110000285								
SEPARATED TOWN	4900		7.60	46.57	16.80	102.93	2.49	15.26
GANANOQUE LAGOON								
CAPACITY (MIGD): (.720)		(1.348)						
1000 CUBIC METRES: 3.273		6.127						
CONVENTIONAL LAGOON SEASONAL								
WATERCOURSE: STOCKING CR GANANOQUE R								
DIRECT								
IROQUOIS 120000159								
VILLAGE	1212		111.90	357.74	83.40	266.63	2.15	6.87
IROQUOIS WPCP								
CAPACITY (MIGD): (1.100)		(.703)						
1000 CUBIC METRES: 5.001		3.197						
PRIMARY								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: ST. LAWRENCE RIVER								
DIRECT								
KINGSTON 120001050								
CITY	67000		25.00	1,433.33	37.00	2,121.32	0.96	55.04
KINGSTON WPCP								
CAPACITY (MIGD): (13.500)		(12.613)						
1000 CUBIC METRES: 61.371		57.333						
PRIMARY								
PHOSPHORUS REMOVAL-CONTINUOUS								
WATERCOURSE: ST.LAWRENCE RIVER								

BASIN - ST. LAWRENCE

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
MIN								
LANCASTER VILLAGE	110001925	600	25.00	10.75	33.50	14.41	2.95	1.27
LANCASTER LAGOON								
CAPACITY (MIGD): (.130)		(.095)						
1000 CUBIC METRES: .591		.430						
CONVENTIONAL LAGOON SEASONAL								
WATERCOURSE: FINNEY CREEK								
MIN								
LEEDS & LANSDOWNE TOWNSHIP	110001934	550	0.25	0.01	0.34	0.02	0.03	0.00
LANSDOWNE LAGOON								
CAPACITY (MIGD): (.074)		(.027)						
1000 CUBIC METRES: .336		.122						
LAGOON AND SPRAY								
WATERCOURSE: NO DISC.TO SURFACE WATER								
DIRECT								
MORRISBURG VILLAGE	120000168	2337	19.20	50.84	24.20	64.08	1.50	3.97
MORRISBURG WPCP								
CAPACITY (MIGD): (.500)		(.583)						
1000 CUBIC METRES: 2.273		2.648						
PRIMARY								
CONVENTIONAL LAGOON CONTINUOUS								
WATERCOURSE: ST. LAWRENCE RIVER								

BASIN - ST. LAWRENCE

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
DIRECT								
OSNABRUCK (INGLESIDE) 120000140 TOWNSHIP INGLESIDE WPCP CAPACITY (MIGD): (.346) 1000 CUBIC METRES: 1.573 PRIMARY	1500	(.196) .890	24.90	22.16	22.00	19.58	2.95	2.63
WATERCOURSE: ST. LAWRENCE RIVER								
MIN								
PITTSBURG (CANA) 110001505 TOWNSHIP CANA WPCP CAPACITY (MIGD): (.021) 1000 CUBIC METRES: .095 EXTENDED AERATION	108	(.020) .091	8.40	0.76	26.80	2.44	2.80	0.25
WATERCOURSE: CATARAQUI RIVER								
DIRECT *MIN*								
PRESCOTT (EDWARDSBURGH) 110001122 SEPARATED TOWN EDWARDSBURGH WPCP CAPACITY (MIGD): (1.250) 1000 CUBIC METRES: 5.683 PRIMARY PHOSPHORUS REMOVAL-CONTINUOUS	4595	(.978) 4.445	21.30	94.68	31.00	137.80	0.87	3.87
WATERCOURSE: ST. LAWRENCE RIVER								

BASIN - ST. LAWRENCE

PRELIMINARY 1984 DATA - MUNICIPAL AND MINISTRY OPERATED WASTEWATER TREATMENT FACILITIES

MUNICIPALITY / WORKSNUMBER EXISTING CAPACITY AND TREATMENT	POP. SERVED	AVG DAY FLOW (MIGD) 1000 CUBIC METERS	ANNUAL AVERAGE EFFLUENT B O D CONC. (MG/L)	B O D LOADING (KG/D)	S S CONC. (MG/L)	S S LOADING (KG/D)	T. PHOS CONC. (MG/L)	T. PHOS LOADING (KG/D)
(DIRECT) TOTAL :				4,554.03		4,083.64		135.73
(MAJOR INDIRECT) TOTAL :				0.00		0.00		0.00